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ALTIMETER DATA FOR DATA BUOY COMPARISON  
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## An Atlas of GEOS-3 Radar Altimeter Data for Data Buoy Comparison Studies

H. Ray Stanley  
and  
Ronald L. Taylor

August 1978



National Aeronautics and  
Space Administration

**Wallops Flight Center**  
Wallops Island, Virginia 23337  
AC 804 824-3411



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23337

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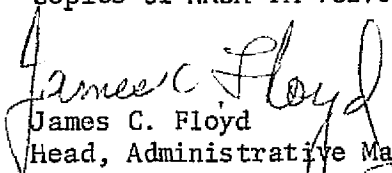
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## 1.0 INTRODUCTION

The primary purpose of this document is to provide the reference information concerning GEOS-3 altimeter data collected in the vicinity of various data buoys. The data presented herein is a compilation of all available information concerning buoy locations and deployment periods and the applicable GEOS-3 altimeter schedule covering the period from April 14, 1975 through April 9, 1978.

It is hoped that the document will be useful in any comparison studies to identify both the important buoy data times and the most productive GEOS-3 altimeter data.

## 2.0 NATIONAL DATA BUOY OFFICE DATA BUOYS

The buoys involved, their locations, and deployment schedule are shown in Table 1. This information was extracted from a variety of sources; however, the prime source was the National Data Buoy office in Bay St. Louis, Mississippi.

The buoy data are archived in the National Oceanographic Data Center located in Washington, D.C. and are available upon request.

The complete address is:

National Oceanic and Atmospheric Administration  
National Oceanographic Data Center  
2001 Wisconsin Avenue, N.W.  
Washington, D.C. 20235 Tel. (202)634-7500

## 3.0 GEOS-3 ALTIMETER DATA

### 3.1 General

The GEOS-3 spacecraft was launched April 9, 1975 into an

# NATIONAL DATA BUOY OFFICE DATA BUOYS

<u>BUOY</u>	<u>LATITUDE</u>	<u>LONGITUDE</u>	<u>DEPLOYMENT PERIOD</u>
EB-01	35.0	288.0	6/76 to 9/77
EB-03	56.0	212.1	4/75 to 6/77
EB-04	26.0	270.0	8/75 to Present
EB-05	30.2	280.0	5/77 to 10/77
EB-07	39.0	290.0	10/77 to Present
EB-10	27.5	272.0	6/75 to 1/76
EB-13	32.2	284.8	4/75 to 11/75
EB-15	32.3	284.7	11/75 to Present
EB-16	42.5	230.0	7/75 to Present
EB-17	52.0	204.0	7/76 to Present
EB-19	51.0	224.0	8/76 to 10/77
EB-20	41.0	222.0	4/77 to Present
EB-21	46.0	229.0	9/76 to Present
EB-33	58.5	219.0	7/75 to 4/76
EB-34	40.1	287.0	10/75 to 2/78
EB-35	55.3	203.0	8/76 to 3/77
EB-39	59.2	207.3	6/77 to 9/77
EB-41	38.7	286.4	10/75 to 12/77
EB-43	59.8	218.0	8/76 to 9/77
EB-44	26.0	274.0	11/76 to Present
EB-45	60.2	213.2	9/77 to Present
EB-52	38.4	285.7	8/75 to 10/75
EB-61	28.5	269.1	9/75 to 4/77
EB-63	40.8	291.5	3/77 to 10/77
			1/78 to 2/78
EB-70	59.5	217.8	8/76 to 5/77
EB-71	26.0	266.5	9/76 to Present
EB-72	57.0	208.6	7/77 to Present

TABLE 1



843 km circular orbit with an inclination of 115 degrees to the earth's equator (65 degree retrograde orbit) and with an orbital period of 101.8 minutes. Data are still being collected three years after launch. The primary instrument carried by GEOS-3 is the short pulse radar altimeter. It operates at a frequency of 13.9 GHz, with a pulse width of 12.5 nsec and a repetition frequency of 100 pulses per second. The altimeter transmits pulses of energy to the ocean surface and tracks the backscattered energy to precisely measure the shape and amplitude of the return energy and to precisely measure the distance between the satellite and the ocean surface. The range precision is 20 cm over a one second averaging period. The precision range data is applied to fine grain ocean geoid determination and determining the location and magnitude of time dependent departures of the sea surface from the geoid as in the case of ocean current systems. The return pulse shape and amplitude data provides the means for sea-state (significant wave height) and wind speed estimation, determining water/ice boundaries and other backscattering investigations.

The GEOS-3 altimeter data are presently archived at the NASA Wallops Flight Center, Wallops Island, Virginia.

Inquiries concerning the availability of the GEOS-3 altimeter data should be directed to:

GEOS-3 Project Scientist  
NASA Wallops Flight Center  
Bldg. E-106  
Wallops Island, Virginia 23337  
Telephone (804) 824-3411, extension 635

### 3.2 Criteria Used for Selecting GEOS-3 Orbits

The process utilized for the extraction of the closest approaching GEOS-3 orbit is defined as follows:

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- A. All GEOS-3 intensive mode passes were selected, along with their appropriate start and stop times and their equator crossings and time of crossings were tabulated.
- B. Two buoy buffer area sizes were selected. These buffer areas consisted of the actual latitude and longitude of the buoy augmented by a  $\pm\Delta$  of .25° and 1°.
- C. The above information was utilized to tabulate those times when the altimeter was scheduled on within each of the buffer areas.
- D. Other pertinent information such as rev. number, mode, etc. was tabulated for each buoy and buffer area.

### 3.3 Description of the Data Tabulations

A one-line example of the data tabulations is shown below with header identifiers for each entry.

REV/UNIQ	DATE	START	STOP	EQ. XING TIME	EQ. XING LONG.	ELAPSED MIN.	MODE	TIME INTO AREA (START)	TIME OUT OF AREA (STOP)
* 6117,113.	760615.	82038.	82758.	81512.	-50.22	5 13	808	82612.	82618.
* 6367,155.	760703.	05651.	1 752.	021 6.	99.05	35 47	808	1 054.	1 1 0.

A further description of each entry is given below.

REV#/UNIQ#	This is the GEOS-3 revolution number, followed by a three digit number to help distinguish between multiple segments within a rev.
YYMMDD	The calendar date listed as year, month, and day.
START	The Greenwich mean time at which the radar altimeter was turned on, listed as hour, minute, and second.
STOP	The Greenwich mean time at which the radar altimeter was turned off, listed as hour, minute, and second.
EQXING TIME	The Greenwich mean time at the beginning of the GEOS-3 revolution, i.e., the time at which the satellite crossed the equator north bound, listed as hour, minute, and second.

EQXING LONG	The longitude at which the satellite crossed the equator north bound.
ELP MIN	The start and stop elapsed time in minutes from the equator crossing time to the time of altimeter start and stop times.
MODE	The operating mode of the altimeter defined as follows:
702 or 802	<ul style="list-style-type: none"> <li>• Altimeter Intensive Mode</li> <li>• Data Rate - Lo (TM Form 1)</li> <li>• Altitude Data Rate - 10/sec.</li> <li>• Waveform Data and Rate - 16 averaged samples at one per 2.2 seconds each</li> </ul>
711 or 811	<ul style="list-style-type: none"> <li>• Altimeter Intensive Mode</li> <li>• Data Rate - Hi (TM Form 3)</li> <li>• Altitude Data Rate - 100/sec.</li> <li>• Waveform Data and Rate - 8 even numbered instantaneous waveform samples at 100/sec. each. 16 averaged waveform samples at one per 3.2 seconds each.</li> </ul>
708 or 808	<ul style="list-style-type: none"> <li>• Altimeter Intensive Mode</li> <li>• Data Rate - Hi (TM Form 2)</li> <li>• Altitude Data Rate - 10/sec.</li> <li>• Waveform Data and Rate - 16 instantaneous waveform samples at one per 3.2 seconds each.</li> </ul>
Entry and Exit Times	• Greenwich mean time at which entered and existed buffer area.

SECTION 4.0

BUOY: EB-01

DATE DEPLOYED: 6/76

DATE RECOVERED: 9/77

LATITUDE: 35.0

LONGITUDE: 288.0

EB-01 .25° Search

LATITUDE RANGE IS 34.75 TO 35.25  
 LONGITUDE RANGE IS 287.75 TO 288.25  
 WEEKS 59 TO 128 BEING SEARCHED

* 6117.113.	760615.	82038.	82758.	81512.	-50.22	5	13	808	82612.	82618.
* 6367.155.	760703.	05651.	1 752.	021 6.	99.05	35	47	808	1 054.	1 1 0.
* 6643.152.	760722.	123433.	124623.	123322.	-50.06	1	14	808	124426.	124428.
* 6893.103.	760809.	514 1.	52557.	43914.	99.22	34	47	808	519 6.	519 8.
* 6970.170.	760814.	152156.	152916.	151634.	-50.64	5	13	808	152732.	152734.
* 7220.124.	760901.	75810.	8 918.	72226.	98.63	35	47	808	8 212.	8 214.
* 7496.109.	760920.	193731.	194722.	193440.	-50.49	2	13	808	194538.	194544.
* 7746.154.	761008.	12 831.	122721.	114030.	98.80	28	47	808	122016.	122022.
* 8022.142.	761027.	235741.	0 530.	235243.	-50.30	4	13	808	0 341.	0 349.
* 8272.174.	761114.	162635.	164520.	155832.	98.98	28	47	808	163818.	163826.
* 8548.153.	761204.	416 9.	42531.	41041.	-50.11	5	15	808	42145.	42147.
* 8875.105.	761227.	65617.	7 610.	65327.	-50.59	2	13	808	7 425.	7 429.
* 9125.133.	770113.	2335 7.	234621.	225933.	98.61	35	47	808	233919.	233921.
* 9401.129.	770202.	1117 2.	112422.	111139.	-50.46	5	13	808	112237.	112245.
* 9651.180.	770220.	353 8.	4 4 0.	31721.	98.84	35	47	808	357 7.	35715.
* 9927.164.	770311.	1532 6.	1542 0.	152911.	-50.17	2	13	808	154013.	154017.
* 10177.112.	770329.	81056.	82148.	735 8.	99.08	35	47	808	81456.	815 2.
* 10254.165.	770403.	181744.	182752.	181225.	-50.77	5	16	808	182323.	182323.
* 10453.158.	770417.	195239.	20 013.	194710.	-49.98	5	14	808	195816.	195816.
* 10504.137.	770421.	105346.	11 446.	1018 5.	98.55	35	47	808	105751.	105751.
* 10780.114.	770510.	223255.	224247.	2230 4.	-50.49	2	13	808	2241 2.	2241 8.
* 11556.106.	770704.	1929 1.	193950.	185314.	99.12	35	47	808	1933 4.	1933 8.
* 11633.148.	770710.	53317.	54554.	53029.	-50.71	2	16	808	54127.	54127.
* 11883.130.	770727.	221139.	222241.	2136 1.	98.64	35	47	808	221547.	221549.
* 12159.121.	770816.	95031.	10 024.	94737.	-50.30	2	13	808	95835.	95843.
* 12409.162.	770903.	22726.	23957.	15324.	98.99	34	47	808	23310.	23318.
* 12685.151.	770922.	1415 0.	1418 0.	14 514.	-50.01	9	13	808	141620.	141620.
* 12736.101.	770926.	51144.	52245.	436 7.	98.53	35	47	808	51553.	51553.

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EB-01 1° Search

LATITUDE RANGE IS 34.50 TO 35.50

~~LONGITUDE RANGE IS 287.50 TO 288.50~~

WEEKS 59 TO 128 BEING SEARCHED

* 5918.112.	760601.	650 2.	65616.	63956.	-50.88	10	17 808	65050.	65056.
* 6040.131.	760609.	221337.	222437.	213751.	99.64	35	47 808	221747.	221749.
* 6117.113.	760615.	82038.	82758.	81512.	-50.22	5	13 808	826 6.	82624.
* 6168.156.	760618.	2324 0.	233258.	224610.	98.31	37	47 808	232550.	232556.
* 6316.114.	760629.	95544.	10 3 5.	950 8.	-49.47	5	13 808	10 120.	10 120.
* 6367.155.	760703.	05651.	1 752.	021 6.	99.05	35	47 808	1 048.	1 1 4.
* 6444.142.	760708.	105941.	1111 4.	105826.	-50.80	1	13 808	11 920.	11 928.
* 6643.152.	760722.	123433.	124623.	123322.	-50.06	1	14 808	124420.	124434.
* 6694.101.	760726.	340 2.	35113.	3 419.	98.47	35	47 808	34359.	344 9.
* 6893.103.	760809.	514 1.	52557.	43614.	99.22	34	47 808	519 0.	51912.
* 6970.170.	760814.	152156.	152916.	151634.	-50.64	5	13 808	152728.	152740.
* 7220.124.	760901.	75610.	8 918.	72226.	98.63	35	47 808	8 2 6.	8 220.
* 7419.122.	760915.	92525.	944 0.	85720.	99.38	28	47 808	93710.	93718.
* 7496.109.	760920.	193731.	194722.	193440.	-50.49	2	13 808	194534.	194550.
* 7547.134.	760924.	103332.	105230.	10 537.	98.04	27	47 808	104517.	104517.
* 7695.111.	761004.	211039.	212235.	21 633.	-49.73	1	14 808	212039.	212045.
* 7746.154.	761008.	12 831.	122721.	114030.	98.80	28	47 808	122010.	122028.
* 7823.137.	761013.	221910.	223412.	221750.	-51.05	1	17 808	222844.	222846.
* 7945.161.	761022.	134330.	14 056.	131523.	99.56	28	46 808	135517.	135521.
* 8022.142.	761027.	235741.	0 530.	235243.	-50.30	4	13 808	0 337.	0 355.
* 8073.184.	761031.	145136.	151031.	142339.	98.23	27	47 808	15 319.	15 323.
* 8221.134.	761111.	13140.	14249.	12735.	-49.54	4	16 808	13845.	13847.
* 8272.174.	761114.	162635.	164520.	155832.	98.98	28	47 808	163812.	163830.
* 8471.165.	761128.	18 818.	1820 0.	173324.	99.74	34	47 808	181322.	181322.
* 8548.153.	761204.	416 9.	42531.	41041.	-50.11	5	15 808	42139.	42153.
* 8599.117.	761207.	19 937.	192828.	184138.	98.42	27	47 808	192118.	192128.
* 8875.105.	761227.	65617.	7 610.	65327.	-50.59	2	13 808	7 421.	7 435.
* 9074.104.	770110.	834 6.	85555.	82836.	-49.91	5	28 808	83938.	83948.
* 9125.133.	770113.	2335 7.	234621.	225933.	98.61	35	47 808	233913.	233927.
* 9401.129.	770202.	1117 2.	112422.	111139.	-50.46	5	13 808	112233.	112249.

EB-01 1° Search (cont.)

*12486.141.	770908.	1240 0.	124430.	123037.	-50.83	9	14	808	124131.	124139.
*12685.151.	770922.	1415 0.	1418 0.	14 514.	-50.01	9	13	808	141614.	141626.
*12736.101.	770926.	51144.	52245.	436 7.	98.53	35	47	808	51547.	51559.
* 9452.170.	770206.	218 5.	22924.	14235.	98.07	35	47	808	22215.	22215.
* 9600.135.	770216.	125158.	125927.	124626.	-49.69	5	14	808	125734.	125738.
* 9651.180.	770220.	353 8.	4 4 0.	31721.	98.84	35	47	808	357 1.	35719.
* 9728.152.	770225.	135558.	1411 0.	135438.	-51.00	1	17	808	14 532.	14 536.
* 9850.181.	770306.	51614.	53847.	45210.	99.62	24	47	808	532 6.	532 8.
* 9927.164.	770311.	1532 6.	1542 0.	152911.	-50.17	2	13	808	1540 7.	154023.
*10126.152.	770325.	17 948.	171711.	17 413.	-49.46	5	13	808	171525.	171525.
*10177.112.	770329.	81056.	82148.	735 8.	99.08	35	47	808	81450.	815 6.
*10254.165.	770403.	181744.	182752.	181225.	-50.77	5	16	808	182319.	182329.
*10453.158.	770417.	195239.	20 013.	194710.	-49.98	5	14	808	195810.	195822.
*10504.137.	770421.	105346.	11 446.	1018 5.	98.55	35	47	808	105745.	105757.
*10703.134.	770505.	122832.	123929.	115249.	99.34	35	47	808	123237.	123247.
*10780.114.	770510.	223255.	224247.	2230 4.	-50.49	2	13	808	224058.	224114.
*10831.153.	770514.	133633.	134743.	13 059.	98.04	35	47	808	134039.	134039.
*10979.123.	770525.	0 750.	01750.	0 448.	-49.71	3	14	808	01556.	016 0.
*11107.148.	770603.	11541.	12919.	11257.	-51.01	2	17	808	12351.	12355.
*11357.107.	770620.	175231.	18 518.	171833.	98.32	33	47	808	175813.	175819.
*11556.106.	770704.	1929 1.	193950.	185314.	99.12	35	47	808	193258.	193312.
*11633.148.	770710.	53317.	54554.	53029.	-50.71	2	16	808	54123.	54135.
*11832.149.	770724.	7 8 7.	71814.	7 5 8.	-49.90	2	14	808	71610.	71620.
*11883.130.	770727.	221139.	222241.	2136 1.	98.64	35	47	808	221541.	221555.
*11960.120.	770802.	81542.	82919.	81259.	-51.12	2	17	808	82353.	82353.
*12082.132.	770810.	234620.	235719.	231040.	99.45	35	47	808	235032.	235038.
*12159.121.	770816.	95031.	10 024.	94737.	-50.30	2	13	808	95831.	95849.
*12210.177.	770820.	054 8.	1 513.	01829.	98.24	35	47	808	058 9.	05813.
*12358.115.	770830.	112338.	113527.	112231.	-49.55	1	13	808	113341.	113343.
*12409.162.	770903.	22726.	23957.	15324.	98.99	34	47	808	233 4.	23322.

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SECTION 5.0

BUOY: FB-03

DATE DEPLOYED: 4/75

DATE RECOVERED: 6/77

LATITUDE: 56.0

LONGITUDE: 212.1



EB-03 .25° Search

LATITUDE RANGE IS 55.75 TO 56.25  
LONGITUDE RANGE IS 211.85 TO 212.35  
WEEKS 0 TO 115 BEING SEARCHED

* 1111.86.	750627.	123114.	123856.	12 233.	-2.61	28	37 802	123453.	123453.
* 1438.345.	750720.	151655.	155341.	144615.	-3.33	30	68 802	151827.	151831.
* 2291.525.	750918.	221923.	224643.	214845.	-4.08	30	58 802	222053.	222053.
* 2490.166.	751002.	235336.	03122.	232355.	-3.40	29	68 802	2356 7.	235611.
* 3361.789.	751203.	13 219.	132240.	125819.	-99.91	3	25 808	131655.	131659.
* 4921.132.	760322.	195223.	20 818.	192141.	-3.91	30	47 802	195349.	195351.
* 6318.115.	760629.	131632.	133214.	131342.	-100.12	2	19 808	133214.	133214.
* 7896.118.	761019.	21553.	22753.	2 8 0.	-99.61	7	20 808	22638.	22642.
* 8422.135.	761125.	635 0.	646 0.	626 1.	-99.43	8	20 808	64441.	64445.
* 8749.166.	761218.	91656.	92857.	9 9 6.	-100.00	7	20 802	92740.	92744.
* 8948.160.	770101.	105128.	11 8 3.	104333.	-99.13	7	25 808	11 217.	11 217.
* 9076.106.	770110.	115957.	121156.	115210.	-100.55	7	20 808	121042.	121042.
* 9129.135.	770114.	617 1.	62143.	54641.	-2.67	30	36 808	619 1.	619 1.
* 9456.174.	770206.	9 0 0.	9 928.	82943.	-3.21	30	40 808	9 157.	9 2 1.
* 10128.153.	770325.	2033 0.	205210.	202747.	-100.10	5	25 808	204621.	204625.
* 10654.101.	770502.	04818.	1 952.	04528.	-99.84	2	25 808	1 4 4.	1 4 8.

ORIGINAL PAGE IS  
OF POOR QUALITY

EB-03 1° Search

LATITUDE RANGE IS 55.00 TO 57.00

LONGITUDE RANGE IS 211.10 TO 213.10

WEEKS 0 TO 115 BEING SEARCHED

* 404.263.	750508.	125430.	13 027.	124036.	-99.07	13	20 802	125912.	125934.
* 1111.86.	750627.	123114.	123856.	12 233.	-2.61	28	37 802	123445.	1235 7.
* 1168.101.	750701.	131330.	132024.	124418.	-6.04	29	37 802	1316 6.	131610.
* 1438.345.	750720.	151655.	155341.	144615.	-3.33	30	68 802	151819.	151841.
* 1513.406.	750725.	22 346.	221915.	22 0 7.	-102.58	3	20 802	221821.	221823.
* 1527.416.	750726.	215018.	221014.	2145 7.	-97.10	5	26 802	22 4 7.	22 411.
* 2220.473.	750913.	2152 6.	221617.	212137.	-6.02	30	55 802	215325.	215331.
* 2234.479.	750914.	213732.	215426.	21 7 1.	-.65	30	48 802	213937.	213939.
* 2291.525.	750918.	221923.	224643.	214845.	-4.08	30	58 802	222039.	2221 1.
* 2362.32.	750923.	224611.	23 0 2.	221529.	-2.03	30	45 802	224747.	2248 7.
* 2419.100.	750927.	232734.	235459.	225713.	-5.45	30	58 802	2329 1.	232913.
* 2490.166.	751002.	235336.	03122.	232355.	-3.40	29	68 802	235557.	235619.
* 2906.523.	751101.	92514.	93235.	9 622.	-97.86	18	27 802	92514.	92526.
* 3087.624.	751114.	43912.	5 857.	4 922.	-1.36	29	60 802	44148.	442 0.
* 3361.789.	751203.	13 219.	132240.	125819.	-99.91	3	25 808	131645.	1317 7.
* 4669.385.	760305.	0 638.	01116.	2352 7.	-102.52	14	20 802	01021.	01023.
* 4921.132.	760322.	195223.	20 818.	192141.	-3.91	30	47 802	195337.	195359.
* 5049.301.	760331.	21 0 2.	21 726.	2030 3.	-5.27	29	38 802	21 151.	21 2 5.
* 5248.559.	760414.	223510.	224258.	22 5 4.	-4.55	30	38 802	223654.	223714.
* 5319.110.	760419.	23 2 2.	23 857.	223143.	-2.48	30	38 802	23 357.	23 419.
* 5390.171.	760424.	232925.	233534.	225823.	-.41	31	38 802	2331 1.	2331 1.
* 6062.145.	760611.	11 013.	111751.	1057 6.	-97.46	3	21 808	1116 2.	111610.
* 6247.138.	760624.	124943.	1311 4.	1247 4.	-102.19	2	24 802	13 518.	13 524.
* 6318.115.	760629.	131632.	133214.	131342.	-100.12	2	19 808	1332 6.	133214.
* 6389.173.	760704.	134324.	1359 9.	134021.	-98.05	3	19 808	1359 9.	1359 9.
* 7697.113.	761005.	04056.	05138.	033 7.	-100.37	7	19 808	05127.	05137.

EB-03 1° Search (cont.)

* 7896.118.	761019.	21553.	22753.	2 8 0.	-99.61	7	20	808	22630.	22652.
* 7967.187.	761024.	24229.	25454.	23437.	-97.54	7	21	808	25331.	25341.
* 8294.116.	761116.	52547.	53756.	51745.	-98.11	8	21	808	53633.	53649.
* 8422.135.	761125.	635 0.	646 0.	626 1.	-99.43	8	20	808	64433.	64455.
* 8660.168.	761212.	24030.	24559.	21024.	-6.26	30	36	808	24212.	24214.
* 8674.101.	761213.	22553.	23022.	15522.	-.78	30	36	808	22756.	228 0.
* 8749.166.	761218.	91656.	92857.	9 9 6.	-100.00	7	20	802	92730.	92754.
* 8859.162.	761226.	41522.	42045.	34515.	-5.50	30	36	808	417 3.	41715.
* 8877.107.	761227.	102444.	103758.	1017 1.	-101.23	7	21	808	103515.	103533.
* 8948.160.	770101.	105128.	11 8 3.	104333.	-99.13	7	25	808	11 2 9.	11 231.
* 9058.167.	770109.	54953.	55458.	51950.	-4.68	30	36	808	55138.	55158.
* 9076.106.	770110.	115957.	121156.	115210.	-100.55	7	20	808	121028.	121050.
* 9129.135.	770114.	617 1.	62143.	54641.	-2.67	30	36	808	61853.	61915.
* 9147.149.	770115.	123047.	123846.	121846.	-98.48	12	20	808	123730.	123750.
* 9186.114.	770118.	65824.	7 539.	62819.	-6.06	30	38	808	7 0 7.	7 011.
* 9200.126.	770119.	64349.	7 033.	61316.	-.58	30	48	808	64552.	64554.
* 9385.116.	770201.	833 9.	849 2.	8 3 7.	-5.29	30	46	808	83455.	835 9.
* 9403.130.	770202.	143757.	145521.	143513.	-101.10	2	21	808	145327.	145347.
* 9456.174.	770206.	9 0 0.	9 928.	82943.	-3.21	30	40	808	9 147.	9 2 9.
* 9531.155.	770211.	1546 2.	16 540.	154326.	-102.42	2	23	808	16 140.	16 144.
* 9545.167.	770212.	153133.	154913.	152823.	-96.93	3	21	808	154725.	154727.
* 10039.172.	770319.	135910.	14 626.	1329 7.	-6.38	30	38	808	14 055.	14 055.
* 10057.187.	770320.	20 616.	202512.	20 112.	-102.19	5	24	808	201926.	201932.
* 10110.140.	770324.	142554.	143259.	135542.	-4.30	30	38	808	142734.	142756.
* 10128.153.	770325.	2033 0.	205210.	202747.	-100.10	5	25	808	204611.	204633.
* 10181.115.	770329.	145230.	145718.	142216.	-2.20	30	36	808	145432.	145454.
* 10199.128.	770330.	205944.	211433.	205421.	-98.01	5	21	808	211311.	211325.
* 10238.155.	770402.	153358.	154033.	15 353.	-5.60	30	37	808	153541.	153551.
* 10256.166.	770403.	2141 6.	215820.	213559.	-101.41	5	23	808	215413.	215429.
* 10398.127.	770413.	223239.	224954.	2229 7.	-97.23	3	21	808	2248 5.	224811.
* 10526.153.	770422.	234017.	2356 2.	233718.	-98.54	2	19	808	2356 0.	2356 2.
* 10654.101.	770502.	04818.	1 952.	04528.	-99.84	2	25	808	1 354.	1 416.
* 10707.134.	770505.	19 335.	1918 0.	183957.	-1.94	23	39	808	191217.	191235.
* 11052.101.	770530.	4 256.	41341.	35455.	-98.26	8	19	808	41341.	41341.

ORIGINAL PAGE IS  
OF POOR QUALITY

SECTION 6.0

BUOY: EB-Q4

DATE DEPLOYED: 8/75

DATE RECOVERED: Presently in use

LATITUDE: 26.0

LONGITUDE: 270.0

EB-04 .25° Search

LATITUDE RANGE IS 25.75 TO 26.25  
LONGITUDE RANGE IS 269.75 TO 270.25  
WEEKS 15 TO 155 BEING SEARCHED

* 2308.539.	750920.	24046.	24825.	239 5.	-74.57	1	10	802	24717.	24717.
* 2635.335.	751013.	527 2.	533 2.	52243.	-75.27	4	11	802	53047.	53047.
* 2657.359.	751014.	192220.	1931 8.	184158.	87.62	40	50	802	192440.	192446.
* 3161.666.	751119.	94541.	95145.	94126.	-75.28	4	11	802	94930.	94930.
* 3709. 76.	751228.	4 012.	42549.	31918.	87.63	40	67	802	4 2 0.	4 2 6.
* 4213.423.	760201.	182139.	182823.	181833.	-75.21	3	10	802	182637.	182639.
* 7696.112.	761004.	2259 0.	23 4 0.	225120.	-75.05	7	13	808	225924.	225932.
* 9075.105.	770110.	1018 0.	103520.	101023.	-75.23	7	25	808	101827.	101829.
* 10454.159.	770417.	2133 3.	213850.	212857.	-75.30	4	10	808	2137 1.	2137 1.
* 11855.110.	770725.	223944.	225247.	22 6 7.	87.67	33	47	808	224849.	224855.

ORIGINAL PAGE IS  
OF POOR QUALITY

EB-04 1° Search

LATITUDE RANGE IS 25.00 TO 27.00  
 LONGITUDE RANGE IS 269.00 TO 271.00  
 WEEKS 15 TO 155 BEING SEARCHED

* 2308.539.	750920.	24046.	24825.	239 5.	-74.57	1	10	802	24657.	24731.
* 2507.185.	751004.	41836.	42427.	41416.	-73.89	4	11	802	42226.	42242.
* 2635.335.	751013.	527 2.	533 2.	52243.	-75.27	4	11	802	53033.	531 9.
* 2657.359.	751014.	192220.	1931 8.	184158.	87.62	40	50	802	192424.	1925 2.
* 2785.456.	751023.	203042.	2037 2.	195025.	86.24	40	47	802	203251.	2033 1.
* 3055.607.	751111.	223244.	224141.	215215.	88.98	40	50	802	223513.	223519.
* 3161.666.	751119.	94541.	95145.	94126.	-75.28	4	11	802	94916.	94952.
* 3382.797.	751205.	1 826.	12236.	03548.	88.30	32	47	808	11828.	11852.
* 3510.857.	751214.	225 8.	25036.	14412.	86.94	40	67	802	22638.	227 8.
* 3581.895.	751219.	25155.	31740.	21054.	88.99	41	67	802	25354.	25358.
* 3709. 76.	751228.	4 012.	42549.	31918.	87.63	40	67	802	4 144.	4 222.
* 3837.168.	760106.	5 830.	53357.	42741.	86.27	40	67	802	510 7.	51017.
* 3908.217.	760111.	53627.	6 1 1.	45422.	88.33	42	67	802	537 2.	53726.
* 4213.423.	760201.	182139.	182823.	181833.	-75.21	3	10	802	182623.	182659.
* 4633.291.	760302.	112925.	113445.	104753.	89.10	41	47	802	113055.	113057.
* 6516.121.	760713.	13 818.	131643.	13 651.	-74.05	1	10	802	131457.	131517.
* 6644.153.	760722.	1423 0.	1426 0.	1415 9.	-75.38	7	11	808	142259.	142333.
* 6971.172.	760814.	17 520.	1711 0.	165821.	-75.96	6	13	808	17 611.	17 627.
* 7298.110.	760906.	1949 0.	1953 0.	194133.	-76.55	7	12	808	194923.	194923.
* 7497.110.	760920.	212330.	2129 0.	211627.	-75.81	7	13	808	212417.	212439.
* 7696.112.	761004.	2259 0.	23 4 0.	225120.	-75.05	7	13	808	225910.	225946.
* 7824.138.	761014.	0 730.	012 0.	235937.	-76.37	7	13	808	0 729.	0 733.
* 8023.143.	761028.	142 0.	146 0.	13429.	-75.62	7	12	808	14219.	14245.
* 8350.163.	761120.	42430.	42930.	41737.	-76.19	6	12	808	42527.	42537.
* 8549.154.	761204.	6 0 0.	6 4 0.	55228.	-75.43	7	12	808	6 018.	6 050.
* 8876.106.	761227.	83541.	845 8.	83514.	-75.91	0	10	808	843 4.	84322.
* 9075.105.	770110.	1018 0.	103520.	101023.	-75.23	7	25	808	101813.	101849.
* 10277.115.	770405.	95424.	95834.	91324.	86.81	41	46	808	95550.	95616.
* 10326.145.	770408.	202348.	203037.	202046.	-74.00	3	10	808	202854.	202912.
* 10348.160.	770410.	1021 1.	102646.	93959.	88.89	41	47	808	102255.	1023 3.
* 10454.159.	770417.	2133 3.	213850.	212857.	-75.30	4	10	808	213647.	213723.
* 10781.116.	770511.	01222.	02146.	01151.	-75.82	0	10	808	01941.	020 1.
* 11855.110.	770725.	223944.	225247.	22 6 7.	87.67	33	47	808	224833.	224911.
* 13433.106.	771114.	113844.	1147 5.	105748.	88.83	40	50	802	114042.	114052.
* 13738.115.	771206.	02236.	03113.	02123.	-74.55	1	10	808	02915.	02949.
* 14864.160.	780223.	233628.	234424.	225538.	85.97	040	049	802	2338 4.	2338 6.
* 14940.130.	780301.	0 3 5.	01128.	232217.	88.04	040	050	802	0 449.	0 521.
* 15466.135.	780407.	41256.	42811.	33854.	88.57	034	050	808	42142.	42158.

SECTION 7.0

ORIGINAL PAGE IS  
OF POOR QUALITY

BUOY: EB-05

DATE DEPLOYED: 5/77

DATE RECOVERED: 10/77

LATITUDE: 30.2

LONGITUDE: 280.0

EB-05 .25° Search

LATITUDE RANGE IS 29.95 TO 30.45  
 LONGITUDE RANGE IS 279.75 TO 280.25  
 WEEKS 106 TO 133 BEING SEARCHED

*10888.128.	770518.	14 6 3.	142928.	134235.	94.65	23	47 808	142355.	1424 3.
*11079.124.	770601.	14549.	15334.	143 2.	-61.97	2	11 808	15228.	15234.
*11414.151.	770624.	183341.	184657.	18 0 9.	94.93	33	47 808	184135.	184137.
*11605.136.	770708.	6 323.	61111.	6 034.	-61.68	2	11 808	610 6.	610 6.
*11741.153.	770717.	211751.	212947.	204257.	94.44	34	47 808	212417.	212423.
*11932.158.	770731.	846 9.	85349.	84321.	-62.16	2	11 808	85247.	85253.
*12785.151.	770929.	154615.	155354.	154326.	-62.26	2	11 808	155252.	155254.
*13120.182.	771023.	83520.	84712.	8 022.	94.69	34	47 802	84142.	84150.
*13311.171.	771105.	20 315.	2011 0.	20 026.	-61.83	2	11 808	20 954.	20 958.



EB-05 1° Search

LATITUDE RANGE IS 29.20 TO 31.20  
 LONGITUDE RANGE IS 279.00 TO 281.00  
 WEEKS 106 TO 133 BEING SEARCHED

*10561.104.	770425.	113446.	114634.	105941.	95.16	35	47	808	114055.	114123.
*10689.127.	770504.	124239.	125444.	12 752.	93.85	34	47	808	124858.	124922.
*10760.106.	770509.	13 941.	132117.	123425.	95.95	35	47	808	131559.	1316 7.
*10880.125.	770518.	01123.	01839.	0 819.	-62.76	3	11	808	01729.	01753.
*10888.128.	770518.	14 6 3.	142928.	134235.	94.65	23	47	808	142341.	142417.
*11016.161.	770527.	152527.	153738.	145046.	93.34	34	47	808	153152.	1532 2.
*11079.124.	770601.	14549.	15334.	143 2.	-61.97	2	11	808	15212.	15250.
*11207.146.	770610.	25433.	3 120.	25112.	-63.27	3	11	808	3 022.	3 034.
*11215.152.	770610.	17 021.	171221.	162528.	94.14	34	47	808	17 634.	17 7 6.
*11278.123.	770615.	32033.	32825.	31745.	-61.18	2	11	808	32711.	32733.
*11406.145.	770624.	42858.	43619.	42553.	-62.48	3	11	808	435 3.	43535.
*11414.151.	770624.	183341.	184657.	18 0 9.	94.93	33	47	808	184117.	184151.
*11477.117.	770629.	45515.	5 313.	45226.	-60.38	2	11	808	5 212.	5 214.
*11542.154.	770703.	1943 6.	195510.	19 818.	93.63	34	47	808	194924.	194942.
*11605.136.	770708.	6 323.	61111.	6 034.	-61.68	2	11	808	6 946.	61022.
*11613.139.	770708.	2010 3.	202139.	193450.	95.73	35	47	808	201618.	201632.
*11733.149.	770717.	71235.	71856.	7 841.	-62.96	3	11	808	71751.	71811.
*11741.153.	770717.	211751.	212947.	204257.	94.44	34	47	808	2124 3.	212439.
*11804.136.	770722.	738 3.	746 2.	73514.	-60.87	2	11	808	74448.	745 2.
*11869.118.	770726.	222542.	223753.	2151 4.	93.16	34	47	808	223210.	223216.
*11932.158.	770731.	846 9.	85349.	84321.	-62.16	2	11	808	85231.	853 9.
*11940.163.	770731.	225241.	23 427.	221737.	95.25	35	47	808	225853.	225919.
*12060.116.	770809.	95446.	10 130.	95128.	-63.44	3	11	808	10 038.	10 044.
*12068.121.	770810.	0 031.	01234.	232543.	93.97	34	47	808	0 649.	0 715.
*12131.166.	770814.	102049.	102841.	1018 0.	-61.35	2	11	808	102722.	102748.
*12139.101.	770815.	02716.	03846.	235215.	96.07	35	47	808	03353.	03357.
*12259.120.	770823.	1129 9.	113626.	1126 5.	-62.62	3	11	808	113515.	113543.
*12330.197.	770828.	115526.	12 325.	115238.	-60.53	2	11	808	12 222.	12 226.
*12785.151.	770929.	154615.	155354.	154326.	-62.26	2	11	808	155236.	155314.
*12793.160.	770930.	55243.	6 431.	51741.	95.15	35	47	808	55855.	55923.
*12913.191.	771008.	165435.	17 127.	165131.	-63.55	3	10	808	17 041.	17 045.
*12921.199.	771009.	7 032.	71236.	62547.	93.86	34	47	808	7 653.	7 717.
*12984.145.	771013.	172049.	172841.	1718 2.	-61.44	2	11	802	172720.	172750.
*12992.152.	771014.	72732.	739 0.	65217.	95.98	35	47	802	73351.	73359.
*13120.182.	771023.	83520.	84712.	8 022.	94.69	34	47	802	84128.	842 4.
*13183.143.	771027.	185526.	19 324.	185237.	-60.62	2	11	808	19 217.	19 225.
*13248.117.	771101.	94252.	95459.	9 813.	93.47	34	47	808	94919.	94933.
*13311.171.	771105.	20 315.	2011 0.	20 026.	-61.83	2	11	808	20 936.	201014.

ORIGINAL PAGE IS  
 OF POOR QUALITY

SECTION 8.0

BUOY: EB-07

DATE DEPLOYED: 10/77

DATE RECOVERED: Presently in use

LATITUDE: 39.0

LONGITUDE: 290.0

EB-07 .25° Search

LATITUDE RANGE IS 38.75 TO 39.25  
LONGITUDE RANGE IS 289.75 TO 290.25  
WEEKS 128 TO 155 BEING SEARCHED

*12864.129.	771005.	61938.	63054.	54412.	97.25	35	47	808	62238.	62242.
*13390.161.	771111.	103515.	105517.	10 126.	97.63	33	54	808	103954.	1040 0.
*13717.182.	771204.	131746.	133740.	1244 0.	97.20	33	54	808	132226.	132228.
*13879.142.	771215.	233632.	234559.	233219.	-44.94	4	14	808	234437.	234445.
*14243.119.	780110.	173153.	175446.	17 055.	97.67	30	54	808	173925.	173929.
*14405.170.	780122.	35346.	4 310.	34929.	-44.54	4	14	808	4 155.	4 155.
*14570.144.	780202.	2014 6.	203654.	194311.	97.32	030	054	808	202137.	202143.
*15059.144.	780309.	91820.	92752.	91413.	-45.30	004	014	808	92631.	92631.
*15096.181.	780312.	03355.	054 6.	0 0 6.	97.76	033	054	808	03838.	03840.
*15423.110.	780404.	316 5.	33610.	24219.	97.43	033	054	808	32045.	32053.

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EB-07 1° Search

LATITUDE RANGE IS 38.00 TO 40.00  
 LONGITUDE RANGE IS 289.00 TO 291.00  
 WEEKS 128 TO 155 BEING SEARCHED

*12736.101.	770926.	51144.	52245.	436 7.	98.53	35	47 808	51439.	51457.
*12827.189.	771002.	15 215.	151156.	145817.	-45.81	3	14 808	151019.	151041.
*12864.129.	771005.	61938.	63054.	54412.	97.25	35	47 808	62222.	62258.
*12992.152.	771014.	72732.	739 0.	65217.	95.98	35	47 802	73027.	73035.
*13063.128.	771019.	75415.	8 530.	71847.	98.08	35	47 802	757 9.	75737.
*13390.161.	771111.	103515.	105517.	10 126.	97.63	33	54 808	103938.	104016.
*13518.194.	771120.	114252.	12 232.	11 912.	96.43	33	54 802	114722.	114740.
*13589.172.	771125.	115949.	123013.	113557.	98.47	23	55 808	121427.	121447.
*13717.182.	771204.	131746.	133740.	1244 0.	97.20	33	54 808	132210.	132246.
*13751.128.	771206.	2229 5.	223819.	222432.	-43.73	4	14 808	2237 0.	223714.
*13788.163.	771209.	134135.	14 458.	131028.	99.32	31	55 808	134918.	134918.
*13842.117.	771213.	142235.	144456.	135146.	96.01	30	54 808	142956.	1430 4.
*13879.142.	771215.	233632.	234559.	233219.	-44.94	4	14 808	234421.	2345 1.
*13916.174.	771218.	1452 7.	151219.	141813.	98.13	33	55 808	145637.	1457 3.
*14115.183.	780101.	162657.	164723.	155257.	98.92	33	55 808	163137.	163147.
*14243.119.	780110.	173153.	175446.	17 055.	97.67	30	54 808	1739 9.	173945.
*14405.170.	780122.	35346.	4 310.	34929.	-44.54	4	14 808	4 139.	4 211.
*14570.144.	780202.	2014 6.	203654.	194311.	97.32	030	054 808	202121.	202159.
*14931.122.	780228.	81043.	81957.	8 616.	-44.05	004	014 808	81836.	81858.
*14968.158.	780302.	2326 9.	234637.	225210.	99.01	033	055 808	233052.	2331 0.
*15025.114.	780307.	2357 9.	02641.	233339.	95.65	023	054 802	01149.	01149.
*15059.144.	780309.	91820.	92752.	91413.	-45.30	004	014 808	92615.	92647.
*15096.181.	780312.	03355.	054 6.	0 0 6.	97.76	033	054 808	03822.	03856.
*15224.113.	780321.	14126.	2 115.	1 747.	96.59	033	054 808	14557.	14619.
*15258.143.	780323.	105242.	11 2 1.	104819.	-44.35	004	014 808	11 033.	11 1 1.
*15295.177.	780326.	2 8 8.	22833.	13412.	98.72	033	055 808	21248.	213 2.
*15386.172.	780401.	12 031.	1210 8.	115629.	-45.66	004	014 802	12 831.	12 855.
*15423.110.	780404.	316 5.	33610.	24219.	97.43	033	054 808	32029.	321 9.
*15457.130.	780406.	122445.	123640.	122252.	-43.52	001	014 808	123524.	123534.

SECTION 9.0

ORIGINAL PAGE IS  
OF POOR QUALITY

BUOY: EB-10

DATE DEPLOYED: 6/75

DATE RECOVERED: 1/76

LATITUDE: 27.5

LONGITUDE: 272.0

EB-10 .25° Search

LATITUDE RANGE IS 27.25 TO 27.75

LONGITUDE RANGE IS 271.75 TO 272.25

WEEKS 6 TO 41 BEING SEARCHED

* 3382.797.	751205.	1 826.	12230.	03548.	88.30	32	47	808	118 0.	118 4.
* 3908.217.	760111.	53627.	6 1 1.	45422.	88.33	42	67	802	53634.	53640.

EB-10 1° Search

LATITUDE RANGE IS 26.50 TO 28.50

LONGITUDE RANGE IS 271.00 TO 273.00

WEEKS 6 TO 41 BEING SEARCHED

* 2657.359.	751014.	192220.	1931 8.	184158.	87.62	40	50	802	192356.	192416.
* 2706.408.	751018.	55122.	55936.	54925.	-73.21	1	11	802	55743.	55753.
* 2728.423.	751019.	194918.	195813.	19 841.	89.66	40	50	802	1951 3.	195115.
* 2777.451.	751023.	618 3.	62640.	616 8.	-71.17	1	11	802	62440.	625 4.
* 3055.607.	751111.	223244.	224141.	215215.	88.98	40	50	802	223417.	223449.
* 3382.797.	751205.	1 826.	12236.	03548.	88.30	32	47	808	11746.	11822.
* 3510.857.	751214.	225 8.	25036.	14412.	86.94	40	67	802	22610.	22612.
* 3581.895.	751219.	25155.	31740.	21054.	88.99	41	67	802	25256.	25328.
* 3709. 76.	751228.	4 012.	42549.	31918.	87.63	40	67	802	4 116.	4 136.
* 3780.130.	760102.	427 8.	45251.	34559.	89.69	41	67	802	42821.	42833.
* 3908.217.	760111.	53627.	6 1 1.	45422.	88.33	42	67	802	53626.	53656.

ORIGINAL PAGE IS  
OF POOR QUALITY

SECTION 10.0

BUOY: EB-13

DATE DEPLOYED: 4/75

DATE RECOVERED: 11/75

LATITUDE: 32.2

LONGITUDE: 284.8



EB-13 .25° Search

LATITUDE RANGE IS 29.95 TO 30.45

LONGITUDE RANGE IS 284.55 TO 285.05

WEEKS 0 TO 33 BEING SEARCHED

* 1306.201.	750711.	72518.	73423.	65038.	99.33	34	44 802	73158.	732 6.
* 1497.399.	750724.	1855 0.	19 3 0.	185134.	-57.41	3	12 708	19 1 0.	19 1 4.
* 2358. 27.	750923.	16 354.	161422.	152820.	99.26	35	47 802	16 940.	16 946.
* 2549.237.	751007.	33133.	34055.	32913.	-57.47	2	12 802	33839.	33841.
* 2884.511.	751030.	2021 7.	203858.	1947 6.	99.24	34	52 802	202826.	202832.
* 3075.620.	751113.	75017.	75938.	74757.	-57.48	2	12 802	75723.	75725.

ORIGINAL PAGE IS  
OF POOR QUALITY

EB-13 1° Search

LATITUDE RANGE IS 31.20 TO 33.20

LONGITUDE RANGE IS 283.80 TO 285.80

WEEKS 0 TO 33 BEING SEARCHED

* 183.21.750422.221012.223756.2146 0.97.39 24 52 708 222626.222656.
* 189.27.750423.75917.8 756.75643.-54.54 2 12 708 8 657.8 7 9.
* 581.526.750521.12831.14947.05628.98.71 32 54 802 137 8.13732.
* 843.709.750608.1327 8.1336 4.132410.-55.98 2 12 802 1334 0.133436.
* 1107.86.750627.539 0.6 330.51525.98.67 23 49 802 556 5.55629.
* 1170.101.750701.161629.162025.16 752.-56.69 8 13 802 161742.1618 0.
* 1235.157.750706.65854.71639.62354.97.28 35 53 802 7 420.7 448.
* 1241.160.750706.163827.164545.163436.-54.64 3 12 708 164448.1645 2.
* 1306.201.750711.72518.73423.65038.99.33 34 44 802 73134.73142.
* 1369.256.750715.174944.175526.1743 5.-56.02 6 13 706 175255.175331.
* 1434.340.750720.83445.85123.759 6.97.95 35 53 708 83932.84010.
* 1497.399.750724.1855 0.19 3 0.185134.-57.41 3 12 708 19 124.19 124.
* 1562.445.750729.94051.95118.9 735.96.57 33 44 802 948 1.94811.
* 1568.452.750729.192227.192914.191817.-55.36 4 11 802 1928 9.192843.
* 1633.526.750803.101056.102739.93419.98.62 36 54 802 101457.101523.
* 1960.282.750826.125436.13 411.121758.97.91 36 47 802 125824.1259 2.
* 2088.377.750904.135815.141454.132626.96.53 31 49 802 14 652.14 7 0.
* 2094.382.750904.2340 3.2348 4.2337 8.-55.39 2 11 802 2347 0.234734.
* 2159.428.750909.142449.143832.135248.98.67 32 46 802 143328.143352.
* 2222.475.750914.05031.05618.04511.-56.67 5 12 802 055 1.05519.
* 2358.27.750923.16 354.161422.152820.99.26 35 47 802 16 914.16 924.
* 2421.102.750928.22612.23139.22047.-56.10 5 11 802 23037.23111.
* 2486.160.751002.171210.172730.163647.97.89 35 51 808 171713.171751.
* 2492.169.751003.25215.25941.24729.-54.04 4 13 808 25755.25755.
* 2620.318.751012.4 028.4 752.35556.-55.42 4 12 802 4 548.4 622.
* 2748.437.751021.5 422.51648.5 423.-56.79 4 13 802 51413.51429.
* 2813.472.751025.195454.201411.192023.97.19 34 54 802 20 049.20 115.
* 2819.474.751026.53714.543 8.531 6.-54.74 6 13 802 54114.54132.
* 2884.511.751030.2021 7.203858.1947 6.99.24 34 52 802 2028 0.202810.
* 2947.540.751104.64131.65124.63932.-56.12 1 12 802 64922.64954.
* 3012.578.751108.2131 5.22 336.205532.97.86 35 69 802 213558.213636.
* 3018.582.751109.713 2.71624.7 615.-54.07 6 13 802 71641.71641.
* 3140.654.751117.223912.2250 0.22 358.96.50 35 47 802 224424.224432.
* 3146.656.751118.81912.82637.81440.-55.43 4 12 802 82432.825 6.
* 3211.695.751122.23 5 6.231728.223040.98.55 34 47 802 231116.231144.
* 3339.778.751202.01425.02313.2339 4.97.19 35 45 808 01930.01956.

SECTION 11.0

ORIGINAL PAGE IS  
OF POOR QUALITY

BUOY: EB-15

DATE DEPLOYED: 11/75

DATE RECOVERED: Presently in use

LATITUDE: 32.3

LONGITUDE: 284.7

EB-75 .25° Search

LATITUDE RANGE IS 32.05 TO 32.55.

LONGITUDE RANGE IS 284.45 TO 284.95

WEEKS 28 TO 155 BEING SEARCHED

* 2947.540.	751104.	64131.	65124.	63932.	-56.12	1	12 802	64938.	64938.
* 3012.578.	751108.	2131 5.	22 336.	205532.	97.86	35	69 802	213612.	213618.
* 3146.656.	751118.	81912.	82637.	81440.	-55.43	4	12 802	82452.	82454.
* 3473.841.	751211.	11 540.	111547.	105810.	-56.09	7	18 802	11 816.	11 816.
* 4064.316.	760122.	6 741.	64048.	53243.	97.93	34	69 802	61325.	61329.
* 4525.200.	760223.	194029.	1946 6.	193512.	-56.01	5	11 808	194518.	194522.
* 4590.240.	760228.	101529.	103456.	95110.	97.99	24	44 808	103154.	103156.
* 4917.127.	760322.	13 911.	132126.	123433.	97.37	34	47 708	131511.	131513.
* 5116.389.	760405.	144625.	145217.	14 934.	98.08	36	43 808	145020.	145020.
* 5443.227.	760428.	172741.	173939.	165256.	97.45	34	47 708	173334.	173338.
* 5969.146.	760604.	214654.	215744.	211051.	97.66	36	47 808	215129.	215137.
* 6103.103.	760614.	83441.	84140.	83014.	-55.70	4	12 808	84020.	84028.
* 6629.135.	760721.	125253.	125952.	124824.	-55.54	4	12 808	125834.	125838.
* 6956.157.	760813.	1534 6.	1543 1.	153136.	-56.12	2	12 808	154142.	154142.
* 7021.127.	760818.	62310.	63337.	54732.	97.88	35	47 708	62814.	62818.
* 7155.151.	760827.	1711 2.	171759.	17 630.	-55.37	4	12 808	171644.	171644.
* 7348.147.	760910.	85832.	91738.	83043.	97.30	27	47 808	91121.	91121.
* 7482.169.	760919.	1954 6.	20 1 7.	194941.	-55.95	4	12 808	195947.	195951.
* 7547.134.	760924.	103332.	105230.	10 537.	98.04	27	47 808	104623.	104623.
* 7874.179.	761017.	131638.	133540.	124847.	97.47	27	47 808	132925.	132929.
* 8008.127.	761027.	0 955.	01911.	0 745.	-55.78	2	12 808	01751.	01759.
* 8534.144.	761203.	43011.	43711.	42544.	-55.59	4	12 808	43552.	43558.
* 8861.165.	761226.	71311.	72014.	7 848.	-56.15	4	12 808	71854.	71854.
* 9253.167.	770123.	04313.	05438.	0 746.	97.30	35	47 808	04824.	04824.
* 9387.118.	770201.	1131 6.	1138 7.	112641.	-55.94	4	12 808	113647.	113651.
* 9452.170.	770206.	218 5.	22924.	14235.	98.07	35	47 808	22321.	22321.
* 9779.115.	770301.	44955.	51225.	42534.	97.54	24	47 808	5 612.	5 618.
* 9913.152.	770310.	154841.	155542.	154414.	-55.65	4	12 808	155422.	155428.

EB-15 .25° Search (cont.)

*10305.134.	770407.	91857.	930 9.	84320.	97.76	35	47	808	92358.	924 7.
*10439.149.	770416.	20 642.	201342.	20 213.	-55.46	4	12	808	201225.	201227.
*10766.107.	770509.	224931.	225634.	2245 7.	-55.98	4	12	808	225513.	225517.
*10831.153.	770514.	133633.	134743.	13 059.	98.04	35	47	808	133145.	134145.
*11158.108.	770606.	161513.	163038.	154352.	97.53	31	47	808	162430.	162436.
*11292.133.	770616.	3 452.	314 9.	3 242.	-55.70	2	12	808	31248.	31256.
*11818.143.	770723.	72221.	73140.	72011.	-55.39	2	12	808	73025.	73025.
*12011.159.	770805.	231915.	233036.	224350.	97.43	35	47	808	232428.	232430.
*12145.107.	770815.	10 450.	1014 9.	10 241.	-55.79	2	12	808	101247.	101255.
*12671.139.	770921.	1428 0.	143130.	142017.	-55.50	7	12	808	143029.	143031.
*12998.157.	771014.	17 526.	171425.	17 259.	-55.95	2	12	802	1713 5.	1713 9.
*13063.128.	771019.	75415.	8 530.	71847.	98.08	35	47	802	75933.	75933.
*13390.161.	771111.	103515.	105517.	10 126.	97.63	33	54	808	1042 4.	104212.
*13524.201.	771120.	2122 4.	213120.	211953.	-55.49	2	12	802	2130 5.	2130 7.
*13851.121.	771214.	0 455.	01352.	0 227.	-55.91	2	12	808	01233.	01239.
*14243.119.	780110.	173153.	175446.	17 055.	97.67	30	54	808	174133.	174141.
*14377.149.	780120.	42147.	431 3.	41936.	-55.51	2	12	808	42946.	42950.
*14570.144.	780202.	2014 6.	203654.	194311.	97.32	030	054	808	202349.	202349.
*14704.196.	780212.	7 4 9.	71327.	7 2 2.	-55.91	002	012	808	712 8.	71214.
*15096.181.	780312.	03355.	054 6.	0 0 6.	97.76	033	054	808	04044.	04052.
*15423.110.	780404.	316 5.	33610.	24219.	97.43	033	054	808	32257.	32259.

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OF POOR QUALITY

EB-15 1° Search

LATITUDE RANGE IS 31.30 TO 33.30  
 LONGITUDE RANGE IS 283.70 TO 285.70  
 WEEKS 28 TO 155 BEING SEARCHED

* 2884.511.	751030.	2021 7.	203858.	1947 6.	99.24	34	52 802	2028 2.	2028 8.
* 2947.540.	751104.	64131.	65124.	63932.	-56.12	1	12 802	64924.	64958.
* 3012.578.	751108.	2131 5.	22 336.	205532.	97.86	35	69 802	213556.	213634.
* 3018.582.	751109.	713 2.	71824.	7 615.	-54.07	6	13 802	71643.	71643.
* 3140.654.	751117.	223912.	2250 0.	22 358.	96.50	35	47 802	224422.	224434.
* 3146.656.	751118.	81912.	82637.	81440.	-55.43	4	12 802	82434.	825 8.
* 3211.695.	751122.	23 5 6.	231728.	223040.	98.55	34	47 802	231120.	231142.
* 3339.778.	751202.	01425.	02313.	2339 4.	97.19	35	45 808	01928.	01958.
* 3473.841.	751211.	11 540.	111547.	105810.	-56.09	7	18 802	11 8 2.	11 836.
* 3666. 40.	751225.	25713.	33028.	22234.	96.53	34	68 802	3 258.	3 310.
* 3737. 93.	751230.	324 0.	35725.	24915.	98.58	34	69 802	32955.	33017.
* 3865.190.	760108.	43215.	5 538.	35739.	97.22	34	68 802	438 3.	43833.
* 3936.239.	760113.	45921.	53145.	42420.	99.29	35	68 708	5 518.	5 522.
* 4064.316.	760122.	6 741.	64048.	53243.	97.93	34	69 802	613 7.	61345.
* 4263. 36.	760205.	73210.	75021.	7 746.	98.63	24	43 808	74828.	74848.
* 4397.123.	760214.	183130.	183834.	182651.	-54.66	4	12 808	1837 5.	183719.
* 4525.200.	760223.	194029.	1946 6.	193512.	-56.01	5	11 808	1945 4.	194540.
* 4590.240.	760228.	101529.	103456.	95110.	97.99	24	44 808	103134.	103212.
* 4852. 49.	760317.	2224 0.	223034.	221835.	-56.63	5	12 808	222827.	222847.
* 4917.127.	760322.	13 911.	132126.	123433.	97.37	34	47 708	131457.	131531.
* 5045.296.	760331.	1417 2.	143238.	134254.	96.01	34	50 708	142318.	142318.
* 5116.389.	760405.	144625.	145217.	14 934.	98.08	36	43 808	1450 0.	145036.
* 5244.554.	760414.	155258.	16 4 3.	151756.	96.73	35	47 808	155820.	155838.
* 5315.105.	760419.	161937.	163040.	154435.	98.80	35	47 808	162521.	162537.
* 5443.227.	760428.	172741.	173939.	165256.	97.45	34	47 708	173320.	173356.
* 5642.472.	760512.	19 031.	191446.	182755.	98.18	32	47 808	19 825.	19 857.
* 5770.162.	760521.	201218.	2020 5.	193615.	96.84	36	44 808	201639.	201659.
* 5776.166.	760522.	55044.	55827.	54658.	-55.10	3	12 808	557 0.	55726.

EB-15 1° Search (cont.)

* 5841.228.	760526.	203931.	204942.	20 254.	98.91	36	47 808	204342.	204356.
* 5904.102.	760531.	65919.	7 620.	65458.	-56.36	4	12 808	7 450.	7 516.
* 5969.146.	760604.	214654.	215744.	211051.	97.66	36	47 808	215115.	215153.
* 6097.167.	760613.	225532.	23 630.	221931.	96.23	36	47 808	225955.	23 0 1.
* 6103.103.	760614.	83441.	84140.	83014.	-55.70	4	12 808	840 6.	84042.
* 6168.156.	760618.	2324 0.	233258.	224610.	98.31	37	47 808	232644.	232712.
* 6231.126.	760623.	94153.	94946.	93832.	-57.03	3	12 808	94824.	94834.
* 6302.104.	760628.	10 945.	101640.	10 510.	-54.95	4	12 808	101516.	101538.
* 6367.155.	760703.	05651.	1 752.	021 6.	99.05	35	47 808	1 158.	1 2 8.
* 6430.129.	760707.	1116 1.	1140 1.	111328.	-56.28	2	27 808	112320.	112350.
* 6501.107.	760712.	114141.	115148.	1140 5.	-54.21	1	12 808	115031.	115033.
* 6623.129.	760721.	313 1.	32439.	23742.	96.39	35	47 808	318 6.	31816.
* 6629.135.	760721.	125253.	125952.	124824.	-55.54	4	12 808	125816.	125852.
* 6694.101.	760726.	340 2.	35113.	3 419.	98.47	35	47 808	34457.	34521.
* 6757.172.	760730.	14 058.	14 757.	135641.	-56.87	4	12 808	14 633.	14 647.
* 6822.126.	760804.	448 6.	45933.	41237.	97.14	35	47 808	453 1.	45329.
* 6828.132.	760804.	142521.	143450.	142319.	-54.79	2	12 808	143329.	143347.
* 6893.103.	760809.	514 1.	52557.	43914.	99.22	34	47 808	52010.	52016.
* 6956.157.	760813.	1534 6.	1543 1.	153136.	-56.12	2	12 808	154128.	1542 2.
* 7021.127.	760818.	62310.	63337.	54732.	97.88	35	47 708	62756.	62834.
* 7084.196.	760822.	164247.	1651 8.	163954.	-57.45	2	12 808	164946.	164946.
* 7149.147.	760827.	731 8.	74244.	65548.	96.56	35	47 808	73612.	73626.
* 7155.151.	760827.	1711 2.	171759.	17 630.	-55.37	4	12 808	171626.	171658.
* 7220.124.	760901.	75810.	8 918.	72226.	98.63	35	47 808	8 3 8.	8 328.
* 7283.168.	760905.	181723.	1826 7.	181447.	-56.70	2	12 808	182439.	182457.
* 7348.147.	760910.	85832.	91738.	83043.	97.30	27	47 808	911 7.	91139.
* 7354.155.	760910.	184321.	1853 4.	184125.	-54.63	1	12 808	185139.	185153.
* 7419.122.	760915.	92525.	944 0.	85720.	99.38	28	47 808	93820.	93822.
* 7482.169.	760919.	1954 6.	20 1 7.	194941.	-55.95	4	12 808	195933.	20 0 9.

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EB-15 1° Search (cont.)

* 7547.134.	760924.	103332.	105250.	10 537.	98.04	27	47 808	1046 3.	104639.
* 7610.122.	760928.	21 049.	21 912.	205758.	-57.29	2	12 808	21 750.	21 754.
* 7675.173.	761003.	114139.	12 047.	111353.	96.72	27	47 808	115417.	115435.
* 7681.179.	761003.	212641.	2136 5.	212435.	-55.21	2	12 808	213435.	2135 3.
* 7746.154.	761008.	12 831.	122721.	114030.	98.80	28	47 808	122116.	122132.
* 7874.179.	761017.	131638.	133540.	124847.	97.47	27	47 808	132911.	132949.
* 8002.119.	761026.	143223.	144357.	1357 3.	96.15	35	47 808	143727.	143731.
* 8008.127.	761027.	0 955.	01911.	0 745.	-55.78	2	12 808	01737.	01813.
* 8073.184.	761031.	145136.	151031.	142339.	98.23	27	47 808	15 411.	15 441.
* 8136.159.	761105.	12245.	132 2.	116 0.	-57.10	6	17 808	12552.	126 0.
* 8201.116.	761109.	155942.	161848.	153155.	96.90	27	47 808	161219.	161241.
* 8272.174.	761114.	162635.	164520.	155832.	98.98	28	47 808	163922.	163934.
* 8528.137.	761202.	184245.	19 1 8.	1815 2.	96.34	27	47 808	185526.	185534.
* 8534.144.	761203.	43011.	43711.	42544.	-55.59	4	12 808	43536.	43612.
* 8599.117.	761207.	19 937.	192828.	184138.	98.42	27	47 808	192214.	192240.
* 8662.170.	761212.	53814.	54516.	53358.	-56.91	4	12 808	54350.	544 4.
* 8861.165.	761226.	71311.	72014.	7 848.	-56.15	4	12 808	71840.	71912.
* 9054.164.	770108.	23 8 3.	231936.	223242.	96.60	35	47 808	2313 6.	231320.
* 9060.169.	770109.	84754.	85452.	84324.	-55.33	4	12 808	85320.	85352.
* 9125.133.	770113.	2335 7.	234621.	225933.	98.61	35	47 808	234013.	234035.
* 9188.116.	770118.	95610.	10 314.	95153.	-56.71	4	12 808	10 145.	10 2 3.
* 9253.167.	770123.	04313.	05438.	0 746.	97.30	35	47 808	04810.	04842.
* 9259.172.	770123.	102024.	1030 9.	101828.	-54.63	1	12 808	102842.	102856.
* 9387.118.	770201.	1131 6.	1138 7.	112641.	-55.94	4	12 808	113633.	1137 9.
* 9452.170.	770206.	218 5.	22924.	14235.	98.07	35	47 808	223 1.	22337.
* 9515.142.	770210.	1239 6.	124610.	123454.	-57.25	4	12 808	124446.	124450.
* 9580.114.	770215.	326 8.	33738.	25046.	96.76	35	47 808	33110.	33128.
* 9586.123.	770215.	13 333.	131256.	13 128.	-55.17	2	12 808	131128.	131156.
* 9651.180.	770220.	353 8.	4 4 0.	31721.	98.84	35	47 808	358 7.	35823.
* 9714.140.	770224.	141215.	1421 3.	14 940.	-56.48	2	12 808	141932.	141956.
* 9779.115.	770301.	44955.	51225.	42534.	97.54	24	47 808	5 558.	5 636.
* 9907.144.	770310.	55712.	62026.	53332.	96.28	23	47 808	61356.	614 2.
* 9913.152.	770310.	154841.	155542.	154414.	-55.65	4	12 808	1554 6.	155442.
* 10106.136.	770324.	744 3.	75525.	7 834.	96.99	35	47 808	74858.	74922.



EB-15 1<sup>o</sup> Search (cont.)

*10112.142.	770324.	172350.	173046.	171915.	-54.94	4	12 808	172921.	172943.
*10177.112.	770329.	81056.	82148.	735 8.	99.08	35	47 808	816 0.	81610.
*10240.157.	770402.	183149.	183852.	182727.	-56.25	4	12 808	183719.	183749.
*10305.134.	770407.	91857.	930 9.	84320.	97.76	35	47 808	92344.	92422.
*10311.137.	770407.	185843.	191010.	1854 1.	-54.16	4	17 808	19 427.	19 429.
*10433.146.	770416.	102654.	103823.	95131.	96.47	35	47 808	103155.	1032 7.
*10439.149.	770416.	20 642.	201342.	20 213.	-55.46	4	12 808	2012 5.	201241.
*10504.137.	770421.	105346.	11 446.	1018 5.	98.55	35	47 808	105845.	1059 7.
*10567.110.	770425.	211439.	212142.	211023.	-56.77	4	12 808	212015.	212031.
*10632.155.	770430.	12 147.	121259.	112615.	97.25	35	47 808	12 639.	12 711.
*10703.134.	770505.	122832.	123929.	115249.	99.34	35	47 808	123349.	123351.
*10766.107.	770509.	224931.	225634.	2245 7.	-55.98	4	12 808	225459.	225535.
*10831.153.	770514.	133633.	134743.	13 059.	98.04	35	47 808	134125.	1342 1.
*10894.130.	770518.	2356 9.	0 432.	235317.	-57.28	2	12 808	0 3 9.	0 313.
*10959.108.	770523.	144434.	145555.	14 9 9.	96.74	35	47 808	144933.	144951.
*10965.112.	770524.	02158.	03120.	01951.	-55.19	2	12 808	02951.	03019.
*11093.136.	770602.	13033.	13921.	128 0.	-56.49	2	12 808	13752.	13816.
*11158.108.	770606.	161513.	163038.	154352.	97.53	31	47 808	162416.	162454.
*11164.112.	770607.	15636.	2 617.	15433.	-54.40	2	12 808	2 453.	2 5 1.
*11292.133.	770616.	3 452.	314 9.	3 242.	-55.70	2	12 808	31234.	31310.
*11357.107.	770620.	175231.	18 518.	171833.	98.32	33	47 808	1759 7.	175935.
*11420.154.	770625.	41329.	422 8.	41051.	-57.00	2	12 808	42043.	42055.
*11491.127.	770630.	43927.	44854.	43723.	-54.90	2	12 808	44731.	44751.
*11556.106.	770704.	1929 1.	193950.	185314.	99.12	35	47 808	1934 8.	193416.
*11812.141.	770722.	214452.	215619.	21 929.	96.54	35	47 808	214953.	2150 7.
*11818.143.	770723.	72221.	73140.	72011.	-55.39	2	12 808	730 5.	73039.
*11883.130.	770727.	221139.	222241.	2136 1.	98.64	35	47 808	221643.	2217 3.
*11946.106.	770801.	83359.	83923.	828 2.	-56.61	5	12 808	83754.	83814.
*12011.159.	770805.	231915.	233036.	224350.	97.43	35	47 808	232414.	232450.

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EB-15 1° Search (cont.)

*12017.164.	770806.	85634.	9 615.	85432.	-54.50	2	12 808	9 450.	9 5 0.
*12082.132.	770810.	234620.	235719.	231040.	99.45	35	47 808	235142.	235142.
*12139.101.	770815.	02716.	03846.	235215.	96.07	35	47 808	03239.	03239.
*12145.107.	770815.	10 450.	1014 9.	10 241.	-55.79	2	12 808	101233.	1013 9.
*12210.177.	770820.	054 8.	1 513.	01829.	98.24	35	47 808	059 1.	05931.
*12273.135.	770824.	111355.	112218.	1111 3.	-57.14	2	12 808	112055.	1121 1.
*12338.101.	770829.	2 048.	21338.	12652.	96.89	33	47 808	2 716.	2 738.
*12344.106.	770829.	113941.	1149 3.	113734.	-55.03	2	12 808	114738.	1148 2.
*12409.162.	770903.	22726.	23957.	15324.	98.99	34	47 808	23414.	23426.
*12543.107.	770912.	1320 0.	1324 0.	131211.	-54.21	7	12 808	132237.	132239.
*12671.139.	770921.	1428 0.	143130.	142017.	-55.50	7	12 808	1430 9.	143045.
*12736.101.	770926.	51144.	52245.	436 7.	98.53	35	47 808	51645.	517 9.
*12799.165.	770930.	153058.	153940.	152823.	-56.78	2	12 808	153815.	153831.
*12864.129.	771005.	61938.	63054.	54412.	97.25	35	47 808	62436.	625 8.
*12870.137.	771005.	155650.	16 632.	155450.	-54.68	1	12 808	16 5 6.	16 522.
*12935.101.	771010.	64621.	65721.	61643.	99.36	35	47 808	65143.	65145.
*12998.157.	771014.	17 526.	171425.	17 259.	-55.95	2	12 802	171251.	171327.
*13063.128.	771019.	75415.	8 530.	71847.	98.08	35	47 802	75913.	75949.
*13126.190.	771023.	181355.	182216.	1811 3.	-57.23	2	12 802	182055.	182059.
*13197.151.	771028.	183938.	1849 3.	183733.	-55.13	2	12 808	184735.	1848 1.
*13325.182.	771106.	194755.	195644.	194522.	-56.34	2	12 808	195514.	195542.
*13390.161.	771111.	103515.	105517.	10 126.	97.63	33	54 808	104150.	104228.
*13396.167.	771111.	201344.	202352.	2012 7.	-54.30	1	12 808	202229.	202235.
*13518.194.	771120.	114252.	12 232.	11 912.	96.43	33	54 802	114936.	114946.
*13524.201.	771120.	2122 4.	213120.	211953.	-55.49	2	12 802	212945.	213021.
*13589.172.	771125.	115949.	123013.	113557.	98.47	23	55 808	121635.	121659.
*13652.131.	771129.	223047.	223927.	222811.	-56.83	2	12 808	2238 3.	223819.
*13717.182.	771204.	131746.	133740.	1244 0.	97.20	33	54 808	132424.	132454.
*13768.163.	771209.	134135.	14 458.	131028.	99.32	31	55 808	135126.	135130.
*13845.117.	771213.	142235.	144456.	135146.	96.01	30	54 808	143210.	143210.
*13851.121.	771214.	0 455.	01352.	0 227.	-55.91	2	12 808	01219.	01255.
*13916.174.	771218.	1452 7.	151219.	141813.	98.13	33	55 808	145841.	145915.
*14115.183.	780101.	162657.	164723.	155257.	98.92	33	55 808	163345.	163359.
*14176.150.	780106.	24744.	25630.	245 9.	-56.37	2	12 808	255 1.	25527.

EB-15 1° Search (cont.)

*14243.119.	780110.	173153.	175446.	17 055.	97.67	30	54	808	174119.	174157.
*14377.149.	780120.	42147.	431 3.	41936.	-55.51	2	12	808	42928.	430 4.
*14505.171.	780129.	530 9.	53852.	52736.	-56.77	002	012	808	53728.	53744.
*14570.144.	780202.	2014 6.	203654.	194311.	97.32	030	054	808	202335.	2024 9.
*14576.148.	780203.	55547.	6 530.	55352.	-54.61	001	012	808	6 4 6.	6 420.
*14641.129.	780207.	204351.	21 426.	20 948.	99.39	034	055	808	205048.	205050.
*14704.196.	780212.	7 4 9.	71327.	7 2 2.	-55.91	002	012	808	71154.	71230.
*14903.193.	780226.	83815.	84738.	83610.	-54.97	002	012	808	84616.	84638.
*14968.158.	780302.	2326 9.	234637.	225210.	99.01	033	055	808	2333 2.	233312.
*15031.120.	780307.	94652.	95542.	94420.	-56.28	002	012	808	95412.	95442.
*15096.181.	780312.	03355.	054 6.	0 0 6.	97.76	033	054	808	04030.	041 8.
*15224.113.	780321.	14126.	2 115.	1 747.	96.59	033	054	808	14811.	14825.
*15230.118.	780321.	112038.	112956.	111828.	-55.33	002	012	808	112824.	112856.
*15295.177.	780326.	2 8 8.	22833.	13412.	98.72	033	055	808	21456.	21514.
*15423.110.	780404.	316 5.	33610.	24219.	97.43	033	054	808	32243.	32319.
*15429.114.	780404.	125438.	13 442.	1253 0.	-54.49	001	012	808	13 318.	13 328.

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SECTION 12.0

BUOY: EB-16

DATE DEPLOYED: 7/75

DATE RECOVERED: Presently in use

LATITUDE: 42.5

LONGITUDE: 230.0

EB-16 .25° Search

LATITUDE RANGE IS 42.25 TO 42.75

LONGITUDE RANGE IS 229.75 TO 230.25

WEEKS 11 TO 155 BEING SEARCHED

* 2389.62.	750925.	203915.	211449.	20340.	34.24	35	72	802	204058.	20412.
* 8877.107.	761227.	102444.	103758.	10171.	-101.23	7	21	808	103037.	103039.
* 9156.156.	770116.	4953.	41328.	33449.	33.61	35	39	808	4123.	4123.
* 9355.170.	770130.	54452.	55628.	5938.	34.38	35	47	808	54658.	5470.
* 9403.130.	770202.	143757.	145521.	143513.	-101.10	2	21	808	144851.	144851.
* 10208.134.	770331.	12455.	125138.	121024.	34.07	34	42	808	124738.	124746.
* 10256.166.	770403.	21416.	215820.	213559.	-101.41	5	23	808	214931.	214937.
* 14999.188.	780305.	4156.	41917.	32723.	34.02	034	052	802	4437.	4445.

ORIGINAL PAGE IS  
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EB-16 1° Search

LATITUDE RANGE IS 41.50 TO 43.50

LONGITUDE RANGE IS 229.00 TO 231.00

WEEKS 11 TO 155 BEING SEARCHED

* 1513.406.	750725.	22 346.	221915.	22 0 7.	-102.58	3	20	802	221321.	221339.
* 1991.306.	750828.	172812.	175647.	165318.	32.89	34	64	802	173016.	173032.
* 2062.357.	750902.	175547.	1831 0.	1720 2.	34.94	35	71	802	175718.	175740.
* 2318.549.	750920.	2012 6.	204833.	193657.	32.18	35	72	802	201355.	201357.
* 2389. 62.	750925.	203915.	211449.	20 340.	34.24	35	72	802	204042.	204118.
* 2716.415.	751018.	232241.	0 154.	224716.	33.54	35	75	802	232414.	232442.
* 2787.457.	751023.	234851.	02619.	231359.	35.59	34	73	802	235129.	235137.
* 2844.489.	751028.	02953.	1 6 1.	235543.	32.17	34	71	802	03241.	03243.
* 3043.599.	751111.	2 5 3.	23521.	13050.	32.86	34	65	802	2 748.	2 8 4.
* 3361.789.	751203.	13 219.	132240.	125819.	-99.91	3	25	808	1312 5.	131213.
* 4166.390.	760129.	1110 1.	111740.	103442.	34.97	35	43	802	1112 0.	111220.
* 4621.269.	760301.	15 127.	151512.	142629.	32.97	34	49	802	15 327.	15 345.
* 6000.101.	760607.	22117.	23858.	14630.	32.56	34	53	808	22328.	22338.
* 6071.151.	760612.	24824.	3 5 9.	213 9.	34.63	35	52	802	25019.	25047.
* 6247.138.	760624.	124943.	1311 4.	1247 4.	-102.19	2	24	802	13 018.	13 044.
* 6318.115.	760629.	131632.	133214.	131342.	-100.12	2	19	808	132724.	132736.
* 7697.113.	761005.	04056.	05138.	033 7.	-100.37	7	19	808	04645.	047 1.
* 7896.118.	761019.	21553.	22753.	2 8 0.	-99.61	7	20	808	22152.	22154.
* 7905.125.	761019.	175851.	18 237.	1724 3.	32.47	34	39	808	18 1 1.	18 1 9.
* 7976.193.	761024.	1815 2.	182923.	175040.	34.55	24	39	808	182748.	182818.
* 8175.194.	761107.	20 1 9.	20 421.	192533.	35.30	35	39	808	20 257.	20 311.
* 8630.144.	761209.	234110.	2356 4.	231655.	33.42	24	42	808	235353.	235419.
* 8749.166.	761218.	91656.	92857.	9 9 6.	-100.00	7	20	802	92250.	923 0.
* 8758.171.	761219.	05413.	1 621.	025 9.	32.09	29	42	808	1 2 7.	1 2 7.
* 8877.107.	761227.	102444.	103758.	1017 1.	-101.23	7	21	808	103021.	103055.
* 9076.106.	770110.	115957.	121150.	115210.	-100.55	7	20	808	12 544.	12 6 4.
* 9156.156.	770116.	4 953.	41328.	33449.	33.61	35	39	808	41147.	41217.
* 9227.148.	770121.	43657.	45357.	4 125.	35.69	35	53	808	43857.	439 3.

EB-16 1° Search (cont.)

* 9355.170.	770130.	54452.	55628.	5 938.	34.38	35	47 808	54644.	54716.
* 9403.130.	770202.	143757.	145521.	143513.	-101.10	2	21 808	144835.	1449 7.
* 9531.155.	770211.	1546 2.	16 540.	154326.	-102.42	2	23 808	155640.	1557 0.
* 9554.173.	770213.	71948.	74617.	64426.	35.15	35	62 808	72146.	722 4.
* 9753.172.	770227.	85448.	92115.	81913.	35.92	35	63 808	85649.	85651.
*10057.187.	770320.	20 616.	202512.	20 112.	-102.19	5	24 808	201426.	201452.
*10080.115.	770322.	113738.	114347.	11 212.	35.38	35	42 808	113938.	113950.
*10128.153.	770325.	2033 0.	205210.	202747.	-100.10	5	25 808	204129.	204141.
*10208.134.	770331.	1245 5.	125138.	121024.	34.07	34	42 808	124724.	1248 2.
*10256.166.	770403.	2141 6.	215820.	213559.	-101.41	5	23 808	214915.	214953.
*10384.117.	770412.	224645.	23 220.	224410.	-102.71	2	19 808	225724.	225738.
*10535.163.	770423.	152822.	153423.	145321.	33.54	35	42 808	153019.	153047.
*10654.101.	770502.	04818.	1 952.	04528.	-99.84	2	25 808	05916.	05922.
*10711.138.	770506.	12937.	14347.	127 5.	-103.24	2	17 808	14019.	14023.
*12616.196.	770917.	171453.	1726 9.	17 217.	-102.76	12	24 808	171531.	171545.
*14800.190.	780219.	22751.	24450.	15259.	33.15	034	052 802	22957.	23017.
*14871.161.	780224.	25430.	31115.	21912.	35.32	035	053 802	25636.	25650.
*14999.188.	780305.	4 156.	41917.	32723.	34.02	034	052 802	4 421.	4 459.

ORIGINAL PAGE IS  
OF POOR QUALITY

SECTION 13.0

BUOY: EB-17

DATE DEPLOYED: 7/76

DATE RECOVERED: Presently in use

LATITUDE: 52.0

LONGITUDE: 204.0



EB-17 .25° Search

LATITUDE RANGE IS 51.75 TO 52.25

LONGITUDE RANGE IS 203.75 TO 204.25

WEEKS 63 TO 166 BEING SEARCHED

*10110.140.	770324.	142554.	143259.	135542.	-4.30	30	38	808	142928.	142932.
*12868.134.	771005.	13 4 0.	1316 0.	123120.	-4.03	32	45	802	13 5 8.	13 514.
*14749.137.	780215.	1135 9.	114435.	1122 8.	-115.40	013	023	802	1139 6.	113910.
*14901.191.	780226.	54242.	55646.	51236.	-4.33	030	045	802	54622.	54626.
*15076.162.	780310.	141547.	142654.	14 429.	-115.78	011	023	808	142125.	142127.
*15100.184.	780312.	71724.	73134.	64714.	-3.52	030	045	802	72110.	72110.
*15427.112.	780404.	95934.	10 642.	92927.	-3.85	030	038	802	10 319.	10 323.

ORIGINAL PAGE IS  
OF POOR QUALITY

EB-17 1° Search

LATITUDE RANGE IS 51.00 TO 53.00  
 LONGITUDE RANGE IS 203.00 TO 205.00  
 WEEKS 63 TO 155 BEING SEARCHED

* 6404.109.	760705.	15 930.	152923.	15 7 5.	-117.88	2	23	802	152343.	152343.
* 8508.124.	761201.	83454.	836 2.	81922.	-117.19	15	17	808	836 0.	836 2.
* 8660.168.	761212.	24030.	24559.	21024.	-6.26	30	36	808	24352.	24358.
* 8778.106.	761220.	103450.	103919.	102049.	-114.35	14	19	808	103751.	103811.
* 8859.162.	761226.	41522.	42045.	34515.	-5.50	30	36	808	41843.	41859.
* 9058.167.	770109.	54953.	55458.	51950.	-4.68	30	36	808	55320.	55346.
* 9129.135.	770114.	617 1.	62143.	54641.	-2.67	30	36	808	62039.	62055.
* 9186.114.	770118.	65824.	7 539.	62819.	-6.06	30	38	808	7 147.	7 155.
* 9385.116.	770201.	833 9.	849 2.	8 3 7.	-5.29	30	46	808	83635.	83653.
* 9456.174.	770206.	9 0 0.	9 928.	82943.	-3.21	30	40	808	9 333.	9 357.
*10039.172.	770319.	135910.	14 626.	1329 7.	-6.38	30	38	808	14 235.	14 239.
*10110.140.	770324.	142554.	143259.	135542.	-4.30	30	38	808	142916.	142944.
*10157.174.	770327.	214415.	22 2 6.	213929.	-114.46	4	23	808	215629.	215651.
*10181.115.	770329.	145230.	145718.	142216.	-2.20	30	36	808	145620.	145630.
*10238.155.	770402.	153358.	154033.	15 353.	-5.69	30	37	808	153721.	153735.
*10707.134.	770505.	19 335.	1918 0.	183957.	-1.94	23	39	808	1914 5.	191411.
*12868.134.	771005.	13 4 0.	1316 0.	123120.	-4.03	32	45	802	13 458.	13 526.
*13114.178.	771022.	22 433.	221217.	214940.	-113.36	14	23	802	22 656.	22 7 2.
*14024.102.	771226.	54519.	55310.	53050.	-116.73	14	23	808	54728.	54744.
*14550.125.	780201.	957 0.	1013 0.	94734.	-116.23	009	026	808	10 412.	10 436.
*14749.137.	780215.	1135 9.	114455.	1122 8.	-115.40	013	023	802	113854.	113922.
*14901.191.	780226.	54242.	55646.	51236.	-4.33	030	045	802	54610.	54636.
*14948.139.	780301.	13 8 3.	1319 3.	125632.	-114.53	011	023	808	131332.	131354.
*15005.196.	780305.	1349 1.	14 018.	1338 4.	-117.90	010	023	808	135442.	135442.
*15076.162.	780310.	141547.	142654.	14 429.	-115.78	011	023	808	1421 9.	142137.
*15100.184.	780312.	71724.	73134.	64714.	-3.52	030	045	802	721 0.	72126.
*15147.133.	780315.	144235.	145332.	143055.	-113.65	011	023	808	1448 7.	144817.
*15204.188.	780319.	152331.	153444.	151226.	-117.02	011	023	808	1529 4.	152916.
*15299.180.	780326.	85133.	9 542.	82119.	-2.56	030	045	808	85519.	85533.
*15356.145.	780330.	933 2.	94839.	9 3 4.	-5.99	029	046	802	93632.	93640.
*15427.112.	780404.	95934.	10 642.	92927.	-3.85	030	038	802	10 3 7.	10 335.
*15474.140.	780407.	172513.	173541.	1713 9.	-114.00	012	023	802	173015.	173031.
*15496.152.	780409.	1026 9.	103254.	95553.	-1.73	030	038	802	1030 5.	1030 7.

SECTION 14.0

ORIGINAL PAGE IS  
OF POOR QUALITY

BUOY: EB-19

DATE DEPLOYED: 8/76

DATE RECOVERED: 10/77

LATITUDE: 51.0

LONGITUDE: 224.0

EB-19 .25° Search

LATITUDE RANGE IS 50.75 TO 51.25

LONGITUDE RANGE IS 223.75 TO 224.25

WEEKS 67 TO 133 BEING SEARCHED

* 7967.187.	761024.	24229.	25454.	23437.	-97.54	7	21 808	251 9.	251 9.
* 8261.166.	761113.	213949.	215520.	211855.	17.53	20	37 808	2153 7.	215313.
* 9114.126.	770113.	45226.	45619.	41956.	17.17	32	37 808	454 6.	454 8.
* 9218.141.	770120.	124836.	13 615.	124522.	-96.39	3	21 808	13 2 4.	13 2 4.
* 9545.167.	770212.	153133.	154913.	152823.	-96.93	3	21 808	154457.	1545 3.
* 10166.105.	770328.	1328 4.	133456.	125532.	17.62	32	40 808	132946.	132950.
* 10398.127.	770413.	223239.	224954.	2229 7.	-97.23	3	21 808	224539.	224543.
* 10597.126.	770428.	0 7 6.	02444.	0 352.	-96.45	3	21 808	02034.	02034.

EB-19 1° Search

LATITUDE RANGE IS 50.00 TO 52.00

LONGITUDE RANGE IS 223.00 TO 225.00

WEEKS 67 TC133 BEING SEARCHED

* 7839.151.	761015.	13357.	14716.	12622.	-96.22	7	21	808	14256.	14322.
* 7967.187.	761024.	24229.	25454.	23437.	-97.54	7	21	808	25053.	25119.
* 8038.157.	761029.	31429.	32141.	3 114.	-95.46	13	21	808	318 0.	31814.
* 8062.175.	761030.	201623.	201929.	1944 3.	16.78	32	36	808	201755.	201821.
* 8261.166.	761113.	213949.	215520.	211855.	17.53	20	37	808	215255.	215323.
* 8294.116.	761116.	52547.	53750.	51745.	-98.11	8	21	808	534 1.	53419.
* 8365.176.	761121.	55140.	6 519.	54422.	-96.63	7	21	808	6 1 0.	6 122.
* 8460.159.	761127.	231545.	233015.	225347.	18.29	21	37	808	232759.	232823.
* 8564.163.	761205.	72236.	73941.	71913.	-95.27	3	21	808	736 1.	73613.
* 8659.167.	761212.	1 124.	1 5 8.	02838.	19.05	32	37	808	1 3 2.	1 314.
* 8763.176.	761219.	9 8 3.	91437.	854 4.	-94.52	13	21	808	911 4.	911 4.
* 8858.161.	761226.	23626.	240 0.	2 328.	19.81	32	37	808	238 4.	238 4.
* 8948.160.	770101.	105128.	11 8 3.	104333.	-99.13	7	25	808	105949.	105951.
* 9043.158.	770108.	42548.	42921.	353 6.	15.15	32	37	808	42658.	427 0.
* 9090.114.	770111.	114032.	12 157.	1137 8.	-95.07	3	25	808	1154 0.	1154 8.
* 9114.126.	770113.	45226.	45619.	41956.	17.17	32	37	808	45352.	45420.
* 9147.149.	770115.	123047.	123646.	121846.	-98.48	12	20	808	1235 2.	123514.
* 9218.141.	770120.	124836.	13 615.	124522.	-96.39	3	21	808	13 154.	13 222.
* 9441.162.	770205.	73515.	8 045.	7 258.	16.62	32	58	808	73650.	73714.
* 9545.167.	770212.	153133.	154913.	152823.	-96.93	3	21	808	154447.	154515.
* 9616.149.	770217.	16 822.	161947.	155457.	-94.85	13	25	808	161151.	161157.
* 9744.165.	770226.	1716 4.	172812.	17 310.	-96.17	12	26	808	171946.	172010.
* 9943.177.	770312.	1851 0.	185810.	183742.	-95.33	13	21	808	185430.	185442.
* 10038.171.	770319.	1220 4.	1227 6.	114720.	18.93	32	40	808	122142.	122156.
* 10095.128.	770323.	13 1 7.	1310 6.	122657.	15.54	32	42	808	13 249.	13 257.
* 10142.163.	770326.	202611.	203734.	201245.	-94.62	13	25	808	202943.	202945.
* 10166.105.	770328.	1328 4.	133456.	125532.	17.62	32	40	808	132934.	1330 2.
* 10199.128.	770330.	205944.	211433.	205421.	-98.01	5	21	808	211037.	211057.
* 10237.154.	770402.	1355 0.	14 2 6.	1322 6.	19.71	32	40	808	135640.	135642.
* 10398.127.	770413.	223239.	224954.	2229 7.	-97.23	3	21	808	224525.	224555.
* 10469.113.	770418.	2259 5.	231452.	225541.	-95.15	3	20	808	231231.	231241.
* 10526.153.	770422.	234017.	2356 2.	233718.	-98.54	2	19	808	235334.	235346.
* 10597.126.	770428.	0 7 6.	02444.	0 352.	-96.45	3	21	808	02022.	02050.
* 10796.127.	770512.	14156.	2 319.	13836.	-95.66	3	25	808	15518.	15536.
* 10820.147.	770513.	185338.	19 024.	182123.	16.59	32	40	808	185515.	185537.
* 11052.101.	770530.	4 256.	41341.	35455.	-98.26	8	19	808	41111.	41127.
* 11848.105.	770725.	1018 0.	1033 0.	101338.	-95.06	4	20	808	103030.	103038.

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OF POOR QUALITY

SECTION 15.0

BUOY: EB-20

DATE DEPLOYED: 4/77

DATE RECOVERED: Presently in use

LATITUDE: 41.0

LONGITUDE: 222.0

EB-20 .25° Search

LATITUDE RANGE IS 40.75 TO 41.25

LONGITUDE RANGE IS 221.75 TO 222.25

WEEKS 102 TO 155 BEING SEARCHED

\*14726.175. 780218. 242 7. 3 110. 2 8 3. 27.46 034 054 862 24549. 24557.

\*15218.109. 780320. 15 9 9. 151219. 1457 6. -111.46 012 016 808 1510 4. 1510 4.

ORIGINAL PAGE IS  
OF POOR QUALITY

EB-20 1° Search

LATITUDE RANGE IS 40.00 TO 42.00

LONGITUDE RANGE IS 221.00 TO 223.00

WEEKS 102 TO 155 BEING SEARCHED

*10194.124.	770330.	125943.	13 615.	122527.	28.59	34	41	808	13 317.	13 335.
*10228.149.	770401.	221048.	222837.	22 6 4.	-112.38	4	23	808	221848.	221858.
*10649.168.	770501.	165025.	165713.	161634.	26.76	33	41	808	1654 4.	165426.
*10720.145.	770506.	171725.	172338.	1643 7.	28.85	34	41	808	1721 3.	172115.
*10754.101.	770509.	22553.	24618.	22343.	-112.10	2	23	808	23627.	23643.
*12028.171.	770807.	4 814.	427 9.	334 8.	26.94	34	54	808	41138.	412 4.
*13478.147.	771117.	1556 5.	1610 0.	151757.	29.33	38	53	802	1556 5.	1556 5.
*13734.111.	771205.	181124.	182716.	173415.	26.74	37	54	802	181145.	1812 7.
*14786.175.	780218.	242 7.	3 110.	2 8 3.	27.66	034	054	802	24533.	24611.
*14985.175.	780304.	41637.	43532.	34226.	28.54	034	054	802	42016.	42034.
*15019.110.	780306.	133451.	134527.	132258.	-112.41	011	023	808	133542.	133552.
*15218.109.	780320.	15 9 9.	151219.	1457 6.	-111.46	012	016	808	15 950.	151020.
*15289.172.	780325.	153556.	154624.	152331.	-109.34	012	023	808	153649.	153653.



SECTION 16.0

ORIGINAL PAGE IS  
OF POOR QUALITY

BUOY: EB-21

DATE DEPLOYED: 9/76

DATE RECOVERED: Presently in use

LATITUDE: 46.0

LONGITUDE: 229.0

EB-21 .25° Search

LATITUDE RANGE IS 45.75 TO 46.25  
 LONGITUDE RANGE IS 228.75 TO 229.25  
 WEEKS 72 TO 155 BEING SEARCHED

* 7569.148.	760925.	2334 0.	2340 0.	232451.	-99.05	9	16 808	233933.	233935.
* 8948.160.	770101.	105128.	11 8 3.	104333.	-99.13	7	25 808	105815.	105815.
* 9147.149.	770115.	123047.	123846.	121846.	-98.48	12	20 808	123332.	123338.
* 10526.153.	770422.	234017.	2356 2.	233718.	-98.54	2	19 808	2352 4.	235210.
* 10720.145.	770506.	171725.	172338.	1643 7.	28.85	34	41 808	1719 7.	1719 9.
* 11052.101.	770530.	4 256.	41341.	35455.	-98.26	8	19 808	4 945.	4 947.
* 15317.110.	780327.	15 8 0.	1518 6.	145336.	-98.42	014	025 808	15 824.	15 828.

EB-21 1° Search

LATITUDE RANGE IS 45.00 TO 47.00  
 LONGITUDE RANGE IS 228.00 TO 230.00  
 WEEKS 72 TO 155 BEING SEARCHED

* 7569.148.	760925.	2334 0.	2340 0.	232451.	-99.05	9	16	808	233917.	233949.
* 7697.113.	761005.	04056.	05138.	033 7.	-100.37	7	19	808	04733.	04741.
* 7896.118.	761019.	21553.	22753.	2 8 0.	-99.61	7	20	808	22226.	22248.
* 7967.187.	761024.	24229.	25454.	23437.	-97.54	7	21	808	24927.	24945.
* 8090.110.	761101.	194811.	195049.	191358.	27.75	34	37	808	194942.	194954.
* 8294.116.	761116.	52547.	53756.	51745.	-98.11	8	21	808	53225.	53253.
* 8422.135.	761125.	635 0.	646 0.	626 1.	-99.43	8	20	808	64027.	64051.
* 8749.166.	761218.	91656.	92857.	9 9 6.	-100.00	7	20	802	92332.	92346.
* 8886.112.	761228.	2 738.	2 931.	133 3.	30.86	34	37	808	2 921.	2 929.
* 8943.155.	770101.	24833.	251 6.	21438.	27.47	33	37	808	25022.	25028.
* 8948.160.	770101.	105128.	11 8 3.	104333.	-99.13	7	25	808	105759.	105829.
* 9076.106.	770110.	115957.	121156.	115210.	-100.55	7	20	808	12 636.	12 640.
* 9142.144.	770115.	424 9.	42724.	34952.	28.13	34	38	808	42536.	42554.
* 9147.149.	770115.	123047.	123846.	121846.	-98.48	12	20	808	123320.	123352.
* 9412.138.	770203.	62553.	63819.	55116.	30.98	34	48	808	62736.	62742.
* 9545.167.	770212.	153133.	154913.	152823.	-96.93	3	21	808	154325.	154331.
* 9938.173.	770312.	1043 4.	1049 8.	10 847.	31.28	34	41	808	104511.	104513.
* 10128.153.	770325.	2033 0.	205210.	202747.	-100.10	5	25	808	204213.	204225.
* 10194.124.	770330.	125943.	13 615.	122527.	28.59	34	41	808	13 111.	13 137.
* 10199.128.	770330.	205944.	211433.	205421.	-98.01	5	21	808	21 9 3.	21 929.
* 10398.127.	770413.	223239.	224954.	2229 7.	-97.23	3	21	808	2244 3.	224415.
* 10526.153.	770422.	234017.	2356 2.	233718.	-98.54	2	19	808	235150.	235224.
* 10654.101.	770502.	04818.	1 952.	04528.	-99.80	2	25	808	05954.	1 010.
* 10720.145.	770506.	171725.	172338.	1643 7.	28.85	34	41	808	171851.	171923.
* 11052.101.	770530.	4 256.	41341.	35455.	-98.26	8	19	808	4 933.	410 3.
* 13483.152.	771117.	2354 7.	0 541.	234651.	-97.28	7	19	802	0 145.	0 159.
* 14137.115.	780103.	52624.	53648.	512 7.	-98.15	14	25	808	52647.	52715.
* 14786.175.	780218.	242 7.	3 110.	2 8 3.	27.66	034	054	802	24347.	24357.
* 14857.148.	780223.	3 837.	32718.	23416.	29.84	034	054	802	31014.	31042.
* 14919.110.	780227.	115858.	12 910.	114453.	-100.18	014	025	808	115919.	115929.
* 14985.175.	780304.	41637.	43532.	34226.	28.54	034	054	802	41810.	41836.
* 15056.140.	780309.	44318.	5 155.	4 852.	30.65	034	054	802	445 6.	44518.
* 15317.110.	780327.	15 8 0.	1518 6.	145336.	-98.42	014	025	808	15 810.	15 844.
* 15445.123.	780405.	161546.	162551.	16 130.	-99.65	014	025	802	161556.	161616.

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SECTION 17.0

BUOY: EB-33

DATE DEPLOYED:

DATE RECOVERED:

LATITUDE: 58.5

LONGITUDE: 219.0

EB-33 .25° Search

LATITUDE RANGE IS 58.25 TO 58.75

LONGITUDE RANGE IS 218.75 TO 219.25

WEEKS 11 TO 54 BEING SEARCHED

* 2362. 32. 750923. 224611. 23 0 2. 221529. -2.03 30 45 802 224639. 224641.
* 5319.110. 760419. 23 2 2. 23 857. 223143. -2.48 30 38 802 23 247. 23 251.

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EB-33 1° Search

LATITUDE RANGE IS 57.50 TO 59.50

LONGITUDE RANGE IS 218.00 TO 220.00

WEEKS 11 TO 54 BEING SEARCHED

* 1168.101.	750701.	131330.	132024.	124418.	-6.04	29	37	802	131456.	131456.
* 1438.345.	750720.	151655.	155341.	144615.	-3.33	30	68	802	1517 3.	151721.
* 1612.502.	750801.	221614.	222242.	215650.	-89.58	19	26	802	221614.	221616.
* 2220.473.	750913.	2152 6.	221617.	212137.	-6.02	30	55	802	215215.	215215.
* 2234.479.	750914.	213732.	215426.	21 7 1.	-.65	30	48	802	213817.	213835.
* 2291.525.	750918.	221923.	224643.	214845.	-4.08	30	58	802	221925.	221943.
* 2362. 32.	750923.	224611.	23 0 2.	221529.	-2.03	30	45	802	224631.	224649.
* 2419.100.	750927.	232734.	235459.	225713.	-5.45	30	58	802	232751.	232757.
* 2433.116.	750928.	231313.	2341 2.	224212.	.01	31	59	802	231336.	231346.
* 2490.166.	751002.	235336.	03122.	232355.	-3.40	29	68	802	235443.	2355 1.
* 3087.624.	751114.	43912.	5 857.	4 922.	-1.36	29	60	802	44030.	44050.
* 3403.806.	751206.	121711.	123844.	121316.	-83.48	3	26	806	123328.	123330.
* 4921.132.	760322.	195223.	20 818.	192141.	-3.91	30	47	802	195223.	195241.
* 5049.301.	760331.	21 0 2.	21 726.	2030 3.	-5.27	29	38	802	21 041.	21 049.
* 5248.559.	760414.	223510.	224258.	22 5 4.	-4.55	30	38	802	223542.	223558.
* 5319.110.	760419.	23 2 2.	23 857.	223143.	-2.48	30	38	802	23 239.	23 259.
* 5390.171.	760424.	232925.	233534.	225823.	-.41	31	38	802	232941.	232957.

SECTION 18.0

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BUOY: EB-34

DATE DEPLOYED: 10/75

DATE RECOVERED: 2/78

LATITUDE: 40.1

LONGITUDE: 287.0

EB-34 .25° Search

LATITUDE RANGE IS 39.85 TO 40.35  
 LONGITUDE RANGE IS 286.75 TO 287.25  
 WEEKS 24 TO 150 BEING SEARCHED

* 2870.502.	751029.	203647.	205418.	20 2 7.	93.76	34	53	802	204017.	204019.
* 2904.519.	751101.	54627.	55643.	54248.	-47.22	3	14	802	55528.	55530.
* 3103.633.	751115.	726 5.	73152.	71755.	-46.53	8	14	802	73043.	73043.
* 3197.686.	751121.	232226.	2330 7.	224541.	93.08	36	45	802	232345.	232345.
* 3430.816.	751208.	10 7 6.	101456.	10 127.	-47.20	5	14	802	1014 7.	1014 9.
* 4448.151.	760218.	92144.	938 4.	85750.	93.86	23	41	808	936 2.	936 2.
* 4482.175.	760220.	184629.	185155.	183830.	-47.12	7	14	808	185110.	185114.
* 5301.621.	760418.	163439.	164355.	155937.	93.32	35	45	808	163741.	163747.
* 5827.214.	760525.	205450.	21 454.	201756.	93.43	36	47	808	2056 0.	2056 8.
* 6060.142.	760611.	73935.	747 0.	73332.	-46.81	6	14	808	74614.	74620.
* 6353.143.	760702.	11050.	123 9.	036 8.	93.57	34	48	808	11414.	11420.
* 6586.192.	760718.	115527.	12 511.	115142.	-46.66	3	14	808	12 428.	12 430.
* 6879.185.	760808.	529 7.	54118.	45417.	93.73	34	48	808	53227.	53229.
* 7206.114.	760831.	81449.	82428.	73728.	93.15	37	47	808	81532.	81534.
* 7405.111.	760914.	93947.	95922.	91222.	93.90	27	47	808	95034.	95034.
* 7439.144.	760916.	185810.	19 633.	1853 0.	-47.07	5	14	808	19 540.	19 544.
* 7732.141.	761007.	122253.	124231.	115532.	93.32	27	47	808	123336.	123342.
* 7965.185.	761023.	231711.	232432.	2311 3.	-46.89	6	14	808	232343.	232351.
* 8258.163.	761113.	164057.	17 032.	161334.	93.50	27	47	808	165138.	165146.
* 9111.125.	770112.	235156.	0 132.	231435.	93.13	37	47	808	235239.	235241.
* 9310.134.	770127.	12415.	13621.	04924.	93.91	34	47	808	12736.	12736.
* 9344.162.	770129.	1036 6.	104329.	1030 1.	-47.06	6	14	808	104241.	104247.
* 9637.168.	770219.	4 7 9.	41920.	33224.	93.36	34	47	808	41028.	41034.
* 10163.103.	770328.	82455.	837 5.	75011.	93.59	34	47	808	82817.	82823.
* 10396.125.	770413.	19 7 0.	1919 4.	19 533.	-46.58	1	14	808	191819.	191821.
* 10490.128.	770420.	11 745.	111958.	1033 7.	93.07	34	47	808	111111.	111111.
* 10689.127.	770504.	124239.	125444.	12 752.	93.85	34	47	808	1246 4.	1246 4.
* 10723.147.	770506.	2152 6.	22 3 0.	214828.	-47.11	3	15	808	22 1 8.	22 112.



EB-34 .25° Search (cont.)

*11016.161.	770527.	152527.	153738.	145046.	93.34	34	47	808	152850.	152856.
*11249.101.	770613.	2 945.	21933.	2 6 3.	-46.82	3	14	808	21845.	21851.
*11542.154.	770703.	1943 6.	195510.	19 818.	93.63	34	47	808	194624.	194630.
*11775.123.	770720.	62719.	637 2.	62332.	-46.51	3	14	808	63620.	63620.
*11869.118.	770726.	222542.	223753.	2151 4.	93.16	34	47	808	2229 8.	222910.
*12102.149.	770812.	9 959.	91953.	9 619.	-46.99	3	14	808	91859.	919 5.
*12395.150.	770902.	24234.	24745.	2 827.	93.51	34	40	808	24631.	24639.
*12921.199.	771009.	7 032.	71236.	62547.	93.86	34	47	808	7 359.	7 359.
*13248.117.	771101.	94252.	95459.	9 813.	93.47	34	47	808	94617.	94625.
*13774.147.	771208.	1356 9.	141221.	132531.	93.84	30	47	808	14 343.	14 343.
*13808.185.	771210.	23 945.	231932.	23 6 6.	-47.12	3	14	808	231846.	231850.
*14428.107.	780123.	192429.	193716.	185026.	93.05	034	047	808	192830.	192830.
*14627.113.	780206.	205936.	21 853.	202452.	93.90	034	045	808	21 3 4.	21 3 4.
*14954.143.	780301.	234118.	2359 9.	23 714.	93.52	034	052	802	234518.	234526.

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EB-34 1° Search

LATITUDE RANGE IS 39.10 TO 41.10  
 LONGITUDE RANGE IS 286.00 TO 288.00  
 WEEKS 24 TO 150 BEING SEARCHED

* 2449.125.	750930.	15718.	2 454.	15045.	-45.14	6	15	802	2 347.	2 349.
* 2506.184.	751004.	23817.	246 3.	23229.	-48.57	5	14	802	24455.	24457.
* 2543.229.	751006.	175154.	18 847.	171831.	94.46	33	51	802	175639.	175657.
* 2705.407.	751018.	41335.	42123.	4 738.	-47.89	5	14	802	420 4.	42022.
* 2776.450.	751023.	44232.	44928.	43421.	-45.84	8	16	802	447 7.	44725.
* 2870.502.	751029.	203647.	205418.	20 2 7.	93.76	34	53	802	2040 1.	204033.
* 2904.519.	751101.	54627.	55643.	54248.	-47.22	3	14	802	55514.	55546.
* 3032.593.	751110.	65910.	7 448.	65114.	-48.59	7	14	802	7 340.	7 342.
* 3069.617.	751112.	221026.	222218.	213714.	94.45	33	46	802	221522.	221540.
* 3103.633.	751115.	726 5.	73152.	71755.	-46.53	8	14	802	73027.	73059.
* 3197.686.	751121.	232226.	2330 7.	224541.	93.08	36	45	802	232329.	2324 1.
* 3231.712.	751124.	82950.	83933.	82620.	-47.89	3	14	802	83846.	839 4.
* 3268.736.	751126.	234723.	235919.	231222.	95.14	35	47	808	235046.	235048.
* 3325.771.	751201.	027 9.	041 0.	2354 5.	91.72	33	47	808	03153.	03157.
* 3430.816.	751208.	10 7 6.	101456.	10 127.	-47.20	5	14	802	101353.	101425.
* 3558.882.	751217.	111741.	112257.	11 951.	-48.57	7	14	802	112217.	112219.
* 3595.905.	751220.	22956.	25630.	15553.	94.47	34	61	802	234 3.	23419.
* 3794.137.	760103.	4 438.	43841.	33058.	95.16	33	68	802	4 922.	4 924.
* 4155.381.	760128.	16 350.	16 817.	1555 4.	-46.47	8	14	802	16 738.	16 8 8.
* 4283. 52.	760206.	17 924.	171642.	17 327.	-47.82	5	14	808	171553.	171611.
* 4320. 74.	760209.	81327.	82929.	74928.	95.21	23	41	808	82754.	82754.
* 4354. 97.	760211.	173450.	1743 9.	1730 8.	-45.76	4	14	808	174256.	1743 8.
* 4448.151.	760218.	92144.	938 4.	85750.	93.86	23	41	808	93546.	93616.
* 4482.175.	760220.	184629.	185155.	183830.	-47.12	7	14	808	185056.	185130.
* 4553.218.	760225.	191232.	191849.	19 5 9.	-45.05	7	14	808	191813.	191813.
* 4610.255.	760229.	195239.	195927.	194651.	-48.47	5	13	808	195917.	195923.
* 4846. 43.	760317.	123837.	1254 9.	12 753.	95.30	30	47	708	124619.	124619.
* 5136.414.	760407.	01313.	01824.	0 515.	-48.37	7	14	808	01741.	01749.

EB-34 1° Search (cont.)

* 5207.510.	760412.	03812.	04524.	03155.	-46.30	6	14	802	04431.	04459.
* 5301.621.	760418.	163439.	164355.	155937.	93.32	35	45	808	163725.	1638 3.
* 5335.123.	760421.	14348.	15335.	14016.	-47.65	3	14	808	15242.	153 4.
* 5662.499.	760514.	42927.	43641.	42336.	-48.27	5	14	708	436 2.	43612.
* 5733.126.	760519.	45458.	5 342.	45015.	-46.20	4	14	708	5 253.	5 319.
* 5827.214.	760525.	205450.	21 454.	201756.	93.43	36	47	808	205544.	205622.
* 5861.241.	760528.	6 258.	61155.	55835.	-47.55	4	14	708	611 1.	61125.
* 5932.123.	760602.	63121.	63830.	62453.	-45.39	6	14	708	63749.	63757.
* 5955.140.	760603.	2157 8.	221130.	212554.	92.17	31	46	808	22 342.	22 354.
* 6026.121.	760608.	222939.	224311.	215253.	94.16	36	51	808	223055.	223119.
* 6060.142.	760611.	73935.	747 0.	73332.	-46.81	6	14	808	74558.	74636.
* 6154.145.	760617.	233834.	234812.	23 112.	92.83	37	47	808	2339 0.	233926.
* 6188.171.	760620.	84742.	855 3.	84150.	-48.14	5	14	808	85416.	85428.
* 6259.148.	760625.	91430.	92117.	9 828.	-46.07	6	13	708	92110.	92116.
* 6353.143.	760702.	11050.	123 9.	036 8.	93.57	34	48	808	11358.	11434.
* 6387.172.	760704.	102248.	103015.	101647.	-47.40	6	14	808	102913.	102941.
* 6515.120.	760713.	113048.	1138 9.	1125 4.	-48.73	5	14	808	113730.	113730.
* 6552.159.	760716.	24555.	258 0.	211 3.	94.31	34	47	808	249 9.	24929.
* 6586.192.	760718.	115527.	12 511.	115142.	-46.66	3	14	808	12 410.	12 446.
* 6680.189.	760725.	35642.	4 622.	31921.	92.99	37	46	808	357 9.	35739.
* 6879.185.	760808.	529 7.	54118.	45417.	93.73	34	48	808	53211.	53243.
* 7078.190.	760822.	7 329.	71610.	62912.	94.47	34	47	708	7 722.	7 738.
* 7206.114.	760831.	81449.	82428.	73728.	93.15	37	47	808	81516.	81550.
* 7277.164.	760905.	83914.	851 0.	8 4 5.	95.23	35	47	808	84231.	84231.
* 7311.122.	760907.	174843.	175824.	174444.	-45.74	3	14	808	175732.	175748.
* 7334.137.	760909.	91855.	93243.	84545.	91.82	33	47	808	92333.	92339.
* 7405.111.	760914.	93947.	95922.	91222.	93.90	27	47	808	95018.	95048.
* 7439.144.	760916.	185810.	19 633.	1853 0.	-47.07	5	14	808	19 526.	19 6 2.
* 7510.120.	760921.	192348.	193320.	191938.	-45.01	4	14	808	193242.	193242.

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EB-34 1° Search (cont.)

* 7533.128.	760923.	105426.	11 457.	102039.	92.56	33	45 808	105827.	105849.
* 7567.147.	760925.	20 436.	201426.	20 117.	-48.41	3	14 808	201343.	201349.
* 7604.116.	760928.	111447.	113416.	104716.	94.64	27	47 808	112528.	112542.
* 7732.141.	761007.	122253.	124231.	115532.	93.32	27	47 808	123320.	123358.
* 7860.166.	761016.	133133.	134538.	13 349.	91.99	27	42 808	134137.	134145.
* 7931.150.	761021.	135752.	141526.	133025.	94.08	27	46 808	14 825.	14 851.
* 7965.185.	761023.	231711.	232432.	2311 3.	-46.89	6	14 808	232329.	2324 7.
* 8059.171.	761030.	15 632.	152540.	143841.	92.75	27	47 808	151629.	151655.
* 8130.148.	761104.	153250.	155217.	15 518.	94.83	27	47 808	154334.	154344.
* 8258.163.	761113.	164057.	17 032.	161334.	93.50	27	47 808	165122.	1652 0.
* 8457.156.	761127.	182321.	183347.	174826.	94.26	34	46 808	182630.	182652.
* 8619.137.	761209.	44223.	450 3.	43718.	-48.02	5	13 808	44944.	44958.
* 8656.164.	761211.	195650.	201015.	192316.	95.02	33	47 808	20 136.	20 142.
* 8889.116.	761228.	64232.	652 7.	63824.	-45.10	4	14 808	65126.	65128.
* 8946.158.	770101.	72317.	74657.	71959.	-48.49	3	27 808	73225.	73229.
* 9111.125.	770112.	235156.	0 132.	231435.	93.13	37	47 808	235223.	235257.
* 9145.148.	770115.	85840.	92215.	85512.	-47.83	3	28 808	9 738.	9 756.
* 9182.110.	770118.	01620.	028 8.	254111.	95.22	35	47 808	01937.	01937.
* 9216.140.	770120.	92811.	93530.	92148.	-45.75	6	14 808	93436.	93452.
* 9239.157.	770122.	05715.	1 943.	02249.	91.82	34	47 808	1 037.	1 043.
* 9310.134.	770127.	12415.	13621.	04924.	93.91	34	47 808	12722.	12750.
* 9344.162.	770129.	1036 6.	104329.	1030 1.	-47.06	6	14 808	104227.	1043 3.
* 9415.141.	770203.	11 310.	111020.	105636.	-44.98	6	14 808	11 940.	11 940.
* 9438.159.	770205.	23212.	24433.	15737.	92.59	34	47 808	23525.	23547.
* 9472.107.	770207.	1144 3.	115124.	113814.	-48.37	5	14 808	115040.	115048.
* 9509.136.	770210.	25915.	311 9.	22412.	94.68	35	47 808	3 226.	3 238.
* 9543.166.	770212.	1211 5.	121828.	12 449.	-46.29	6	14 808	121725.	121753.
* 9637.168.	770219.	4 7 9.	41920.	33224.	93.36	34	47 808	41012.	41050.
* 9671.107.	770221.	131854.	132629.	1313 0.	-47.60	5	14 808	132526.	132550.
* 9742.164.	770226.	134337.	135318.	133936.	-45.52	4	14 808	135230.	135240.
* 9765.101.	770228.	5 719.	524 0.	44037.	92.06	26	44 808	51825.	51835.
* 9836.167.	770305.	53111.	551 7.	5 712.	94.14	23	44 808	54514.	54538.
* 9964.102.	770314.	64959.	7 219.	61524.	92.82	34	47 808	65312.	65338.
* 9998.132.	770316.	16 152.	16 914.	1556 1.	-48.14	5	14 808	16 827.	16 839.

EB-34 1° Search (cont.)

*10035.165.	770319.	7 6 0.	72851.	64159.	94.90	24	47	808	72017.	72025.
*10069.107.	770321.	162854.	1636 7.	162236.	-46.06	6	14	808	163518.	163540.
*10163.103.	770328.	82455.	837 5.	75011.	93.59	34	47	808	828 1.	82837.
*10197.127.	770330.	173649.	174419.	173048.	-47.37	6	14	808	174314.	174342.
*10268.108.	770404.	18 351.	1811 5.	175722.	-45.28	6	14	808	181020.	181026.
*10291.126.	770406.	93530.	94516.	85822.	92.28	37	47	808	93610.	93626.
*10325.144.	770408.	184443.	1852 5.	183859.	-48.68	5	14	808	185125.	185125.
*10362.105.	770411.	95951.	101510.	92456.	94.38	34	51	808	10 3 2.	10 322.
*10396.125.	770413.	19 7 0.	1919 4.	19 533.	-46.58	1	14	808	1918 3.	191837.
*10490.128.	770420.	11 745.	111958.	1033 7.	93.07	34	47	808	111055.	111127.
*10524.151.	770422.	201938.	2027 1.	201344.	-47.90	5	14	808	202610.	202628.
*10561.104.	770425.	113446.	114634.	105941.	95.16	35	47	808	1138 5.	1138 7.
*10618.146.	770429.	121428.	122810.	114118.	91.76	33	47	808	1219 6.	121910.
*10689.127.	770504.	124239.	125444.	12 752.	93.85	34	47	808	124548.	124618.
*10723.147.	770506.	2152 6.	22 3 0.	214828.	-47.11	3	15	808	22 054.	22 128.
*10794.124.	770511.	221911.	222845.	2215 2.	-45.01	4	14	808	2228 6.	2228 6.
*10851.163.	770515.	225958.	23 948.	225638.	-48.40	3	14	808	23 9 4.	23 910.
*10888.128.	770518.	14 6 3.	142928.	134235.	94.65	23	47	808	142047.	1421 1.
*10922.146.	770520.	2327 2.	233651.	232312.	-46.32	3	14	808	233548.	233616.
*11016.161.	770527.	152527.	153738.	145046.	93.34	34	47	808	152834.	152912.
*11121.159.	770604.	1 157.	11137.	05754.	-45.52	4	14	808	11048.	11058.
*11215.152.	770610.	17 021.	171221.	162528.	94.14	34	47	808	17 330.	17 354.
*11249.101.	770613.	2 945.	21933.	2 6 3.	-46.82	3	14	808	21829.	219 7.
*11377.121.	770622.	31735.	32726.	31412.	-48.12	3	14	808	32638.	32650.
*11414.151.	770624.	183341.	184657.	18 0 9.	94.93	33	47	808	183829.	183835.
*11448.102.	770627.	34439.	35424.	34045.	-46.03	3	14	808	35327.	35349.
*11471.115.	770628.	191453.	192834.	184144.	91.54	33	47	808	191932.	191932.
*11542.154.	770703.	1943 6.	195510.	19 818.	93.63	34	47	808	194610.	194644.
*11647.103.	770711.	51931.	529 7.	51525.	-45.22	4	14	808	52825.	52829.

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*11670.117.	770712.	205052.	21 315.	201624.	92.35	34	47	808	205412.	205428.
*11741.153.	770717.	211751.	212947.	204257.	94.44	34	47	808	2121 5.	212123.
*11775.123.	770720.	62719.	637 2.	62332.	-46.51	3	14	808	636 4.	63636.
*11869.118.	770726.	222542.	223753.	2151 4.	93.16	34	47	808	222852.	222926.
*11903.141.	770729.	735 6.	74457.	73140.	-47.80	3	14	808	744 6.	74426.
*11940.163.	770731.	225241.	23 427.	221737.	95.25	35	47	808	2256 3.	2256 3.
*11974.133.	770803.	8 234.	81215.	75755.	-45.64	4	15	808	81045.	81059.
*12068.121.	770810.	0 031.	01234.	232543.	93.97	34	47	808	0 341.	0 4 9.
*12102.149.	770812.	9 959.	91953.	9 619.	-46.99	3	14	808	91845.	91921.
*12196.164.	770819.	1 8 8.	12023.	03333.	92.76	34	47	808	11121.	11147.
*12230.196.	770821.	101730.	102718.	1014 7.	-48.19	3	14	808	102633.	102645.
*12301.164.	770826.	104449.	105435.	104057.	-46.17	3	14	808	105337.	1054 1.
*12395.150.	770902.	24234.	24745.	2 827.	93.51	34	40	808	24615.	24653.
*12429.176.	770904.	115236.	12 230.	1149 3.	-47.45	3	14	808	12 129.	12 155.
*12756.119.	770927.	1433 4.	1445 0.	143145.	-47.91	1	14	808	144411.	144429.
*12793.160.	770930.	55243.	6 431.	51741.	95.15	35	47	808	556 5.	556 7.
*12827.189.	771002.	15 215.	151156.	145817.	-45.81	3	14	808	1511 5.	151121.
*12921.199.	771009.	7 032.	71236.	62547.	93.86	34	47	808	7 343.	7 413.
*13049.114.	771018.	8 821.	82040.	73351.	92.59	34	47	808	81139.	812 1.
*13120.182.	771023.	83520.	84712.	8 022.	94.69	34	47	802	83836.	83848.
*13248.117.	771101.	94252.	95459.	9 813.	93.47	34	47	808	946 1.	94639.
*13282.144.	771103.	184847.	19 213.	184847.	-47.48	0	14	808	19 113.	19 139.
*13376.146.	771110.	105052.	11 720.	101629.	92.14	34	51	808	105417.	105429.
*13575.157.	771124.	122415.	124058.	1151 1.	92.99	33	50	808	122849.	122919.
*13646.124.	771129.	124814.	131014.	121730.	95.10	30	53	808	125552.	125556.
*13703.170.	771203.	133210.	134930.	1259 4.	91.71	33	51	808	133652.	133654.
*13774.147.	771208.	1356 9.	141221.	132531.	93.84	30	47	808	14 327.	14 357.
*13808.185.	771210.	23 945.	231932.	23 6 6.	-47.12	3	14	808	231832.	2319 6.
*13936.111.	771220.	01727.	02714.	014 5.	-48.37	3	14	808	02631.	02639.
*14428.107.	780123.	192429.	193716.	185026.	93.05	034	047	808	192814.	192846.
*14556.132.	780201.	203120.	204853.	195815.	91.83	033	051	808	2036 3.	2036 9.
*14627.113.	780206.	205936.	21 853.	202452.	93.90	034	045	808	21 248.	21 318.
*14954.143.	780301.	234118.	2359 9.	23 714.	93.52	034	052	802	2345 2.	234540.

SECTION 19.0

ORIGINAL PAGE IS  
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BUOY: EB-35

DATE DEPLOYED: 8/76

DATE RECOVERED: 3/77

LATITUDE: 55.3

LONGITUDE: 203.0

EB-35 .25° Search

LATITUDE RANGE IS 55.05 TO 55.55  
LONGITUDE RANGE IS 202.75 TO 203.25  
WEEKS 67 TO 102 BEING SEARCHED

* 8845.153.	761225.	430 9.	43727.	4 017.	-10.98	29	38 808	43247.	43251.
* 9172.103.	770117.	71311.	72029.	64321.	-11.54	29	38 808	71547.	71549.
* 9897.138.	770309.	13 537.	131438.	123543.	-10.49	29	39 808	13 819.	13 819.
*10100.132.	770323.	21 236.	212035.	205752.	-111.07	4	23 808	2116 6.	2116 6.
*10224.146.	770401.	154846.	155423.	151856.	-11.09	29	36 808	155124.	155128.



EB-35 1° Search

LATITUDE RANGE IS 54.30 TO 56.30  
LONGITUDE RANGE IS 202.00 TO 204.00  
WEEKS 67 TO 102 BEING SEARCHED

* 8266.172.	761114.	6 0 3.	6 654.	54750.	-109.07	12	20	808	6 616.	6 634.
* 8465.164.	761128.	13457.	74313.	72242.	-108.31	12	21	808	74116.	74126.
* 8664.172.	761212.	9 449.	91648.	85732.	-107.55	7	20	808	91616.	91616.
* 8774.102.	761220.	4 325.	41027.	33341.	-13.06	29	37	808	4 547.	4 559.
* 8845.153.	761225.	430 9.	43727.	4 017.	-10.98	29	38	808	43237.	433 1.
* 8849.157.	761225.	105934.	11 559.	104725.	-112.27	12	19	808	11 521.	11 533.
* 8973.103.	770103.	538 5.	54514.	5 819.	-12.25	29	37	808	54025.	54047.
* 9044.159.	770108.	6 450.	61020.	53453.	-10.16	29	36	808	6 723.	6 747.
* 9048.163.	770108.	123410.	124440.	1222 0.	-111.45	12	23	808	123956.	124018.
* 9101.119.	770112.	64646.	65346.	61645.	-13.63	30	38	808	64851.	64855.
* 9115.127.	770113.	63141.	63711.	6 143.	-8.15	29	36	808	63439.	63439.
* 9172.103.	770117.	71311.	72029.	64321.	-11.54	29	38	808	71535.	71557.
* 9176.105.	770117.	133238.	1353 0.	133029.	-112.84	2	23	808	134825.	134831.
* 9645.175.	770219.	17 853.	172938.	17 640.	-109.21	2	23	808	1725 4.	172524.
* 9897.138.	770309.	13 537.	131438.	123543.	-10.49	29	39	808	13 8 9.	13 833.
* 10096.129.	770323.	144040.	144943.	141044.	-9.77	29	39	808	144320.	144340.
* 10100.132.	770323.	21 236.	212035.	205752.	-111.07	4	23	808	211552.	211616.
* 10171.109.	770328.	212913.	214727.	212426.	-108.98	4	24	808	214252.	214310.
* 10224.146.	770401.	154846.	155423.	151856.	-11.09	29	36	808	155116.	155138.
* 10228.149.	770401.	221048.	222837.	22 6 4.	-112.38	4	23	808	2224 0.	222410.

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SECTION 20.0

BUOY: EB-39

DATE DEPLOYED: 6/77

DATE RECOVERED: 9/77

LATITUDE: 59.2

LONGITUDE: 207.3

EB-39 .25° Search

LATITUDE RANGE IS 58.95 TO 59.45  
LONGITUDE RANGE IS 207.05 TO 207.55  
WEEKS 111 TO 128 BEING SEARCHED

NO DATA FOUND

ORIGINAL PAGE IS  
OF POOR QUALITY

EB-39 1° Search

LATITUDE RANGE IS 58.20 TO 60.20  
LONGITUDE RANGE IS 206.30 TO 208.30  
WEEKS 111 TO 128 BEING SEARCHED

~~NO DATA FOUND~~

SECTION 21.0

ORIGINAL PAGE IS  
OF POOR QUALITY

BUOY: EB-41

DATE DEPLOYED: 10/75

DATE RECOVERED: 12/77

LATITUDE: 38.7

LONGITUDE: 286.4

EB-41 .25° Search

LATITUDE RANGE IS 38.45 TO 38.95

LONGITUDE RANGE IS 286.15 TO 286.65

WEEKS 24 TO 41 BEING SEARCHED

* 2506.184.	751004.	23817.	246 3.	23229.	-48.57	5	14 802	20445.	24449.
* 2543.229.	751006.	175154.	18 847.	171831.	94.46	33	51 802	1757 9.	175711.
* 2870.502.	751029.	203647.	205418.	20 2 7.	93.76	34	53 802	204039.	204039.
* 3032.594.	751110.	65910.	7 448.	65114.	-48.59	7	14 802	7 330.	7 334.
* 3069.617.	751112.	221026.	222218.	213714.	94.45	33	46 802	221552.	221554.
* 3558.882.	751217.	111741.	112257.	11 951.	-48.57	7	14 802	1122 7.	112211.
* 3595.905.	751220.	22956.	25630.	15553.	94.47	34	61 802	23431.	23433.
* 4411.132.	760215.	181855.	182418.	181150.	-49.18	7	13 808	1824 2.	1824 2.
* 4448.151.	760218.	92144.	938 4.	85750.	93.86	23	41 808	93622.	93624.
* 4610.255.	760229.	195239.	195927.	194651.	-48.47	5	13 808	1959 9.	195911.
* 5136.414.	760407.	01313.	01824.	0 515.	-48.37	7	14 808	01735.	01735.
* 6026.121.	760608.	222939.	224311.	215253.	94.16	36	51 808	223125.	223133.
* 6515.120.	760713.	113048.	1138 9.	1125 4.	-48.73	5	14 808	113716.	113724.
* 6552.159.	760716.	24555.	258 0.	211 3.	94.31	34	47 808	24937.	24943.
* 6879.185.	760808.	529 7.	54118.	45417.	93.73	34	48 808	53249.	53249.
* 7078.190.	760822.	7 329.	71610.	62912.	94.47	34	47 708	7 750.	7 752.
* 7368.168.	760911.	182933.	183925.	182623.	-49.15	3	14 808	183835.	183835.
* 7405.111.	760914.	93947.	95922.	91222.	93.90	27	47 808	95054.	95058.
* 7567.147.	760925.	20 436.	201426.	20 117.	-48.41	3	14 808	201337.	201337.
* 7894.116.	761018.	224931.	225729.	224426.	-48.97	5	14 808	225638.	225642.
* 7931.150.	761021.	135752.	141526.	133025.	94.08	27	46 808	14 857.	14 9 5.
* 8457.156.	761127.	182321.	183347.	174826.	94.26	34	46 808	1827 0.	1827 6.
* 8946.158.	770101.	72317.	74657.	71959.	-48.49	3	27 808	73217.	73219.
* 9273.106.	770124.	10 634.	101627.	10 325.	-49.14	3	14 808	101537.	101537.
* 9310.134.	770127.	12415.	13621.	04924.	93.91	34	47 808	12756.	128 0.
* 9472.107.	770207.	1144 3.	115124.	113814.	-48.37	5	14 808	115034.	115034.

EB-41 .25° Search (cont.)

* 9799.136.	770302.	142426.	143419.	142114.	-48.91	3	14	808	143326.	143332.
* 9836.167.	770305.	53111.	551 7.	5 712.	94.14	23	44	808	54544.	54552.
*10325.144.	770408.	184443.	1852 5.	183859.	-48.68	5	14	808	185113.	185119.
*10362.105.	770411.	95951.	101510.	92456.	94.38	34	51	808	10 332.	10 336.
*10652.171.	770501.	2125 3.	213456.	212155.	-49.20	3	14	808	2134 7.	2134 7.
*10689.127.	770504.	124239.	125444.	12 752.	93.85	34	47	808	124624.	124626.
*10851.163.	770515.	225958.	23 948.	225638.	-48.40	3	14	808	23 858.	23 858.
*11178.121.	770608.	14243.	15235.	13931.	-48.92	3	14	808	15143.	15149.
*11215.152.	770610.	17 021.	171221.	162528.	94.14	34	47	808	17 4 0.	17 4 8.
*11741.153.	770717.	211751.	212947.	204257.	94.44	34	47	808	212135.	212137.
*12031.174.	770807.	84246.	85230.	83928.	-49.01	3	14	808	85140.	85144.
*12068.121.	770810.	0 031.	01234.	232543.	93.97	34	47	808	0 415.	0 419.
*12884.153.	771006.	1541 1.	155250.	153951.	-49.20	1	13	808	1552 3.	1552 3.
*12921.199.	771009.	7 032.	71236.	62547.	93.86	34	47	808	7 419.	7 421.
*13737.113.	771205.	224246.	225235.	223936.	-49.22	3	13	808	225148.	225148.
*13774.147.	771208.	1356 9.	141221.	132531.	93.84	30	47	808	14 4 3.	14 4 5.
*13936.111.	771220.	01727.	02714.	014 5.	-48.37	3	14	808	02625.	02625.

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EB-41 1° Search

LATITUDE RANGE IS 37.70 TO 39.70  
 LONGITUDE RANGE IS 285.40 TO 287.40  
 WEEKS 24 TO 141 BEING SEARCHED

* 2435.118.	750929.	211 9.	21854.	2 546.	-50.63	5	14 802	21742.	21742.
* 2506.184.	751004.	23817.	246 3.	23229.	-48.57	5	14 802	24429.	245 5.
* 2543.229.	751006.	175154.	18 847.	171831.	94.46	33	51 802	175653.	175727.
* 2705.407.	751018.	41335.	42123.	4 738.	-47.89	5	14 802	41952.	42014.
* 2870.502.	751029.	203647.	205418.	20 2 7.	93.76	34	53 802	204023.	204057.
* 2904.519.	751101.	54627.	55643.	54248.	-47.22	3	14 802	55518.	55524.
* 2941.539.	751103.	21 357.	211718.	202849.	95.81	35	49 802	21 741.	21 745.
* 2961.546.	751105.	62955.	63840.	62431.	-50.64	5	15 802	63627.	63627.
* 3032.593.	751110.	65910.	7 448.	65114.	-48.59	7	14 802	7 314.	7 350.
* 3069.617.	751112.	221026.	222218.	213714.	94.45	33	46 802	221536.	221610.
* 3160.665.	751119.	8 650.	813 9.	75939.	-49.95	7	14 802	81135.	81151.
* 3197.686.	751121.	232226.	2330 7.	224541.	93.08	36	45 802	232357.	232415.
* 3231.712.	751124.	82950.	83933.	82620.	-47.89	3	14 802	83834.	83856.
* 3268.736.	751126.	234723.	235919.	231222.	95.14	35	47 808	235058.	235118.
* 3359.787.	751203.	94543.	10 512.	93445.	-49.26	10	31 808	94641.	94713.
* 3430.816.	751208.	10 7 6.	101456.	10 127.	-47.20	5	14 802	101357.	1014 3.
* 3467.837.	751211.	12520.	13630.	04728.	95.83	37	50 802	12620.	12624.
* 3558.882.	751217.	111741.	112257.	11 951.	-48.57	7	14 802	112151.	112227.
* 3595.905.	751220.	22956.	25630.	15553.	94.47	34	61 802	23415.	23449.
* 3794.137.	760103.	4 438.	43841.	33058.	95.16	33	68 802	4 936.	4 954.
* 3993.270.	760117.	53940.	61351.	5 6 2.	95.87	33	66 802	54456.	54458.
* 4283.52.	760206.	17 924.	171642.	17 327.	-47.82	5	14 808	171543.	1716 3.
* 4320.74.	760209.	81327.	82929.	74928.	95.21	23	41 808	828 6.	82824.
* 4411.132.	760215.	181855.	182418.	181150.	-49.18	7	13 808	182346.	182418.
* 4448.151.	760218.	92144.	938 4.	85150.	93.86	23	41 808	936 6.	93642.
* 4482.175.	760220.	184629.	185155.	183830.	-47.12	7	14 808	1851 2.	1851 6.
* 4610.255.	760229.	195239.	195927.	194651.	-48.47	5	13 808	195853.	195927.
* 4846.43.	760317.	123837.	1254 9.	12 753.	95.30	50	47 708	124633.	124649.



EB-41 1° Search (cont.)

* 5045.296.	760331.	1417 2.	143238.	134254.	96.01	34	50 708	142150.	142150.
* 5136.414.	760407.	01313.	01824.	0 515.	-48.37	7	14 808	01719.	01751.
* 5264.581.	760416.	11713.	12637.	11337.	-49.72	3	13 808	12533.	12553.
* 5301.621.	760418.	163439.	164355.	155937.	93.32	35	45 808	163753.	163817.
* 5335.123.	760421.	14348.	15335.	14016.	-47.25	3	14 808	15236.	15252.
* 5372.157.	760423.	17 123.	17 914.	162616.	95.39	35	43 808	17 458.	17 512.
* 5662.499.	760514.	42927.	3641.	42336.	-48.27	5	14 708	43542.	43612.
* 5790.178.	760523.	535 1.	4455.	53156.	-49.62	3	13 808	54352.	54414.
* 5827.214.	760525.	205450.	21 454.	201756.	93.43	36	47 808	205612.	205638.
* 5861.241.	760528.	6 258.	61155.	55835.	-47.55	4	14 708	61057.	61111.
* 5898.274.	760530.	2121 3.	213134.	204435.	95.49	36	47 808	212319.	212331.
* 6026.121.	760608.	222939.	224311.	215253.	94.16	36	51 808	2231 9.	223149.
* 6117.113.	760615.	82038.	82758.	81512.	-50.22	5	13 808	827 8.	82718.
* 6154.145.	760617.	233834.	234812.	23 112.	92.83	37	47 808	233928.	233940.
* 6188.171.	760620.	84742.	855 3.	84150.	-48.14	5	14 808	854 0.	85426.
* 6316.114.	760629.	95544.	10 3 5.	950 8.	-49.47	5	13 808	10 2 4.	10 230.
* 6353.143.	760702.	11050.	123 9.	036 8.	93.57	34	48 808	11424.	11452.
* 6387.172.	760704.	102248.	103015.	101647.	-47.40	6	14 808	102913.	102923.
* 6424.125.	760707.	13755.	14944.	1 246.	95.65	35	47 808	14134.	14142.
* 6515.120.	760713.	113048.	1138 9.	1125 4.	-48.73	5	14 808	1137 0.	113740.
* 6552.159.	760716.	24555.	258 0.	211 3.	94.31	34	47 808	24921.	24959.
* 6643.152.	760722.	123433.	124623.	123322.	-50.06	1	14 808	124518.	124532.
* 6680.189.	760725.	35642.	4 622.	31921.	92.99	37	48 808	35737.	35753.
* 6879.185.	760808.	529 7.	54118.	45417.	93.73	34	48 808	53233.	533 5.
* 6950.151.	760813.	55610.	6 751.	52054.	95.81	35	47 808	55946.	55950.
* 6970.170.	760814.	152156.	152916.	151634.	-50.64	5	13 808	152830.	152830.
* 7078.190.	760822.	7 329.	71610.	62912.	94.47	34	47 708	7 734.	7 8 8.
* 7206.114.	760831.	81449.	82428.	73728.	93.15	37	47 808	81544.	816 4.
* 7277.164.	760905.	83914.	851 0.	8 4 5.	95.23	35	47 808	84243.	843 1.

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## EB-41 1° Search (cont.)

* 7368.168.	760911.	182933.	183925.	182623.	-49.15	3	14	808	183819.	183853.
* 7405.111.	760914.	93947.	95922.	91222.	93.90	27	47	808	95038.	95114.
* 7439.144.	760916.	185810.	19 633.	1853 0.	-47.07	5	14	808	19 534.	19 536.
* 7476.164.	760919.	10 639.	102554.	93859.	95.98	27	47	808	101755.	101755.
* 7496.109.	760920.	193731.	194722.	193440.	-50.49	2	13	808	194636.	194640.
* 7533.128.	760923.	105426.	11 457.	102039.	92.56	33	45	808	105855.	1059 1.
* 7567.147.	760925.	20 436.	201426.	20 117.	-48.41	3	14	808	201321.	201353.
* 7604.116.	760928.	111447.	113416.	104716.	94.64	27	47	808	112542.	112612.
* 7695.111.	761004.	211039.	212235.	21 933.	-49.73	1	14	808	212129.	212149.
* 7732.141.	761007.	122253.	124231.	115532.	93.32	27	47	808	123348.	123412.
* 7894.116.	761018.	224931.	225729.	224426.	-48.97	5	14	808	225622.	2257 0.
* 7931.150.	761021.	135752.	141526.	133025.	94.08	27	46	808	14 841.	14 921.
* 7965.185.	761023.	231711.	232432.	2311 3.	-46.89	6	14	808	232339.	232339.
* 8022.142.	761027.	235741.	0 530.	235243.	-50.30	4	13	808	0 439.	0 447.
* 8059.171.	761030.	15 632.	152540.	143841.	92.75	27	47	808	151657.	1517 7.
* 8130.148.	761104.	153250.	155217.	15 518.	94.83	27	47	808	154348.	154414.
* 8221.134.	761111.	13140.	14249.	12735.	-49.54	4	16	808	13931.	13955.
* 8258.163.	761113.	164057.	17 032.	161334.	93.50	27	47	808	165150.	165218.
* 8457.156.	761127.	182321.	183347.	174826.	94.26	34	46	808	182644.	182722.
* 8548.153.	761204.	416 9.	42531.	41041.	-50.11	5	15	808	42237.	42249.
* 8619.137.	761209.	44223.	450 3.	43718.	-48.02	5	13	808	44930.	44954.
* 8656.164.	761211.	195650.	201015.	192316.	95.02	33	47	808	20 150.	20 212.
* 8855.158.	761225.	213428.	214414.	2058 7.	95.78	36	47	808	213659.	2137 3.
* 8875.105.	761227.	65617.	7 610.	65327.	-50.59	2	13	808	7 523.	7 525.
* 8946.158.	770101.	72317.	74657.	71959.	-48.49	3	27	808	732 1.	73235.
* 9074.104.	770110.	834 6.	85555.	82836.	-49.91	5	28	808	84032.	84048.
* 9111.125.	770112.	235156.	0 132.	231435.	93.13	37	47	808	235251.	2353 9.
* 9145.148.	770115.	85840.	92215.	85512.	-47.83	3	28	808	9 728.	9 748.
* 9182.110.	770118.	01820.	028 8.	234111.	95.22	35	47	808	01949.	020 7.
* 9273.106.	770124.	10 634.	101627.	10 325.	-49.14	3	14	808	101521.	101555.
* 9310.134.	770127.	12415.	13621.	04924.	93.91	34	47	808	12740.	12816.
* 9344.162.	770129.	1036 6.	104329.	1030 1.	-47.06	6	14	808	104235.	104237.
* 9381.112.	770201.	15118.	2 251.	11559.	95.99	35	47	808	15455.	15455.
* 9401.129.	770202.	1117 2.	112422.	111139.	-50.46	5	13	808	112335.	112339.

EB-41 1° Search (cont.)

* 9438.159.	770205.	23212.	24433.	15737.	92.59	34	47	808	23553.	23559.
* 9472.107.	770207.	1144 3.	115124.	113814.	-48.37	5	14	808	115018.	115050.
* 9509.136.	770210.	25915.	311 9.	22412.	94.68	35	47	808	3 238.	3 3 8.
* 9600.135.	770216.	125158.	125927.	124626.	-49.69	5	14	808	125822.	125844.
* 9637.168.	770219.	4 7 9.	41920.	33224.	93.36	34	47	808	41040.	411 4.
* 9671.107.	770221.	131859.	132629.	1313 0.	-47.60	5	14	808	132522.	132536.
* 9708.134.	770224.	43413.	44551.	35859.	95.44	35	47	808	43743.	43755.
* 9799.136.	770302.	142426.	143419.	142114.	-48.91	3	14	808	143310.	143348.
* 9836.167.	770305.	53111.	551 7.	5 712.	94.14	23	44	808	54528.	546 8.
* 9927.164.	770311.	1532 6.	1542 0.	152911.	-50.17	2	13	808	1541 7.	154117.
* 9964.102.	770314.	64959.	7 219.	61524.	92.82	34	47	808	65340.	65352.
* 9998.132.	770316.	16 152.	16 914.	1556 1.	-48.14	5	14	808	16 811.	16 837.
*10035.165.	770319.	7 6 0.	72851.	64159.	94.90	24	47	808	72031.	72055.
*10126.152.	770325.	17 948.	171711.	17 413.	-49.46	5	13	808	1716 9.	171635.
*10163.103.	770328.	82455.	837 5.	75011.	93.59	34	47	808	82827.	82855.
*10197.127.	770330.	173649.	174419.	173048.	-47.37	6	14	808	174314.	174324.
*10234.152.	770402.	85157.	9 338.	81645.	95.68	35	47	808	85533.	85541.
*10291.126.	770406.	93530.	94516.	85822.	92.28	37	47	808	93638.	93638.
*10325.144.	770408.	184443.	1852 5.	183859.	-48.68	5	14	808	185055.	185135.
*10362.105.	770411.	95951.	101510.	92456.	94.38	34	51	808	10 316.	10 352.
*10453.158.	770417.	195239.	20 013.	194710.	-49.98	5	14	808	1959 6.	195920.
*10490.128.	770420.	11 745.	111958.	1033 7.	93.07	34	47	808	111123.	111141.
*10524.151.	770422.	201938.	2027 1.	201344.	-47.90	5	14	808	202558.	202620.
*10561.104.	770425.	113446.	114634.	105941.	95.16	35	47	808	113819.	113837.
*10652.171.	770501.	2125 3.	213456.	212155.	-49.20	3	14	808	213351.	213423.
*10689.127.	770504.	124239.	125444.	12 752.	93.85	34	47	808	1246 8.	124642.
*10723.147.	770506.	2152 6.	22 3 0.	214828.	-47.11	3	15	808	22 1 0.	22 1 4.
*10760.106.	770509.	13 941.	132117.	123425.	95.95	35	47	808	131321.	131321.
*10786.114.	770510.	223255.	224247.	2230 4.	-50.49	2	13	808	2242 0.	2242 4.

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EB-41 1° Search (cont.)

*10851.163.	770515.	225458.	23 948.	225638.	-48.40	3	14	808	23 842.	23 914.
*10888.128.	770518.	14 6 3.	142928.	134235.	94.65	23	47	808	1421 1.	142131.
*10979.123.	770525.	0 750.	01750.	0 448.	-49.71	3	14	808	01644.	017 4.
*11016.161.	770527.	152527.	153738.	145046.	93.34	34	47	808	1529 2.	152926.
*11178.121.	770608.	14243.	15235.	13931.	-48.92	3	14	808	15127.	152 5.
*11215.152.	770610.	17 021.	171221.	162528.	94.14	34	47	808	17 344.	17 424.
*11377.121.	770622.	31735.	32726.	31412.	-48.12	3	14	808	32622.	32648.
*11414.151.	770624.	183341.	184657.	18 0 9.	94.93	33	47	808	183841.	1839 5.
*11505.135.	770701.	42526.	43519.	42221.	-49.42	3	13	808	43417.	43445.
*11542.154.	770703.	1943 6.	195510.	19 818.	93.63	34	47	808	194634.	1947 4.
*11613.139.	770708.	2010 3.	202139.	193450.	95.73	35	47	808	201340.	201346.
*11670.117.	770712.	205052.	21 315.	201624.	92.35	34	47	808	205440.	205442.
*11741.153.	770717.	211751.	212947.	204257.	94.44	34	47	808	212119.	212153.
*11832.149.	770724.	7 8 7.	71814.	7 5 8.	-49.90	2	14	808	717 4.	71720.
*11869.118.	770726.	222542.	223753.	2151 4.	93.16	34	47	808	222920.	222940.
*11903.141.	770729.	735 8.	74457.	73140.	-47.20	3	14	808	74356.	74416.
*11940.163.	770731.	225241.	23 427.	221737.	95.25	35	47	808	225617.	225633.
*12031.174.	770807.	84240.	85230.	83928.	-49.01	3	14	808	85124.	852 0.
*12068.121.	770810.	0 031.	01234.	232543.	93.97	34	47	808	0 359.	0 437.
*12102.149.	770812.	9 959.	91953.	9 619.	-46.99	3	14	808	91853.	91855.
*12159.121.	770816.	95031.	10 024.	94737.	-50.30	2	13	808	95933.	95941.
*12196.164.	770819.	1 8 8.	12023.	03333.	92.76	34	47	808	11149.	11159.
*12230.196.	770821.	101730.	102718.	1014 7.	-48.19	3	14	808	102615.	102643.
*12358.115.	770830.	112338.	113527.	112231.	-49.55	1	13	808	113427.	113451.
*12395.150.	770902.	24234.	24745.	2 827.	93.51	34	40	808	24643.	24711.
*12429.176.	770904.	115236.	12 230.	1149 3.	-47.45	3	14	808	12 127.	12 139.
*12685.151.	770922.	1415 0.	1418 0.	14 514.	-50.01	9	13	808	141710.	141724.
*12756.119.	770927.	1433 4.	1445 0.	143145.	-47.91	1	14	808	144359.	144421.

EB-41 1° Search (cont.)

*12793.160.	770930.	55243.	6 431.	51741.	95.15	35	47 808	55619.	55637.
*12884.153.	771006.	1541 1.	155250.	153951.	-49.20	1	13 808	155147.	155219.
*12921.199.	771009.	7 032.	71236.	62547.	93.86	34	47 808	7 4 3.	7 439.
*12992.152.	771014.	72732.	739 0.	65217.	95.98	35	47 802	73113.	73113.
*13012.171.	771015.	164910.	17 037.	164756.	-50.47	1	13 802	165952.	165956.
*13049.114.	771018.	8 821.	82040.	73351.	92.59	34	47 808	812 7.	81213.
*13120.182.	771023.	83520.	84712.	8 022.	94.69	34	47 802	83848.	83918.
*13248.117.	771101.	94252.	95459.	9 813.	93.47	34	47 808	94629.	94655.
*13282.144.	771103.	184847.	19 213.	184847.	-47.48	0	14 808	19 111.	19 123.
*13575.157.	771124.	122415.	124058.	1151 1.	92.99	33	50 808	122917.	122933.
*13646.124.	771129.	124814.	131014.	121730.	95.10	30	53 808	1256 6.	125626.
*13737.113.	771205.	224246.	225235.	223936.	-49.22	3	13 808	225132.	2252 4.
*13774.147.	771208.	1356 9.	141221.	142531.	93.84	30	47 808	14 347.	14 421.
*13808.185.	771210.	23 945.	231932.	23 6 8.	-47.12	3	14 808	231838.	231842.
*13845.117.	771213.	142235.	144456.	135146.	96.01	30	54 808	143042.	143042.
*13865.132.	771214.	235017.	0 0 6.	234723.	-50.42	2	13 808	235919.	235923.
*13936.111.	771220.	01727.	02714.	014 5.	-48.37	3	14 808	026 9.	02641.

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SECTION 22.0

BUOY: EB-43

DATE DEPLOYED: 8/76

DATE RECOVERED: 9/77

LATITUDE: 59.8

LONGITUDE: 218.0

EB-43 .25° Search

LATITUDE RANGE IS 59.55 TO 60.05

LONGITUDE RANGE IS 217.75 TO 218.25

WEEKS 67 TO 128 BEING SEARCHED

* 7935.155.	761021.	2048 0.	205030.	201733.	-7.20	30	33 808	204759.	2048 3.
* 7938.160.	761022.	14113.	14541.	12254.	-83.17	18	23 808	14326.	14326.
* 8066.181.	761031.	241 0.	25218.	23110.	-84.50	9	22 808	25130.	25132.
* 8265.171.	761114.	42446.	42712.	4 6 3.	-83.75	18	22 808	42629.	42633.
* 9115.127.	770113.	63141.	63711.	6 143.	-8.15	29	36 808	632 3.	632 3.
* 9644.174.	770219.	1543 5.	1546 2.	152453.	-83.89	18	22 808	154519.	154521.
*10039.172.	770319.	135910.	14 626.	1329 7.	-6.38	30	38 808	135941.	135941.
*10167.106.	770328.	15 716.	151330.	143719.	-7.69	29	37 808	15 741.	15 743.
*10366.106.	770411.	1642 6.	17 958.	1612 4.	-6.90	30	58 808	164234.	164236.

ORIGINAL PAGE IS  
OF POOR QUALITY

EB-43 1° Search

LATITUDE RANGE IS 58.80 TO 60.80

LONGITUDE RANGE IS 217.00 TO 219.00

WEEKS 67 TO 128 BEING SEARCHED

* 7793.111.	761011.	195411.	195629.	192420.	-11.36	29	33	808	195416.	195416.
* 7796.115.	761012.	04611.	05043.	02941.	-87.33	16	22	808	04937.	04943.
* 7867.175.	761017.	11423.	11723.	05618.	-85.26	18	22	808	11622.	11640.
* 7935.155.	761021.	2048 0.	205030.	201733.	-7.20	30	33	808	204759.	2048 9.
* 7938.160.	761022.	14113.	14541.	12254.	-83.17	18	23	808	14320.	14336.
* 8066.181.	761031.	241 0.	25218.	23110.	-84.50	9	22	808	25122.	25140.
* 8265.171.	761114.	42446.	42712.	4 6 3.	-83.75	18	22	808	42623.	42639.
* 8649.159.	761211.	74715.	75153.	73047.	-87.71	16	22	808	75043.	75045.
* 8660.168.	761212.	24030.	24559.	21024.	-6.26	30	36	808	24052.	24110.
* 8845.153.	761225.	430 9.	43727.	4 017.	-10.98	29	38	808	43013.	43017.
* 8848.156.	761225.	92053.	92643.	9 538.	-86.95	15	22	808	92534.	92544.
* 8859.162.	761226.	41522.	42045.	34515.	-5.50	30	36	808	41551.	416 9.
* 9044.159.	770108.	6 450.	61020.	53453.	-10.16	29	36	808	6 449.	6 5 1.
* 9058.167.	770109.	54953.	55458.	51950.	-4.68	30	36	808	55034.	55046.
* 9061.170.	770109.	103422.	104928.	102511.	-80.65	9	25	808	1046 1.	1046 7.
* 9115.127.	770113.	63141.	63711.	6 143.	-8.15	29	36	808	63153.	63211.
* 9172.103.	770117.	71311.	72029.	64321.	-11.54	29	38	808	71317.	71317.
* 9186.114.	770118.	65824.	7 539.	62819.	-6.06	30	38	808	65849.	659 7.
* 9385.116.	770201.	833 9.	849 2.	8 3 7.	-5.29	30	46	808	83345.	834 3.
* 9644.174.	770219.	1543 5.	1546 2.	152453.	-83.89	16	22	808	154511.	154529.
* 9701.129.	770223.	162135.	1632 6.	16 630.	-87.29	15	26	808	162626.	162632.
* 9847.138.	770309.	13 537.	131438.	123543.	-10.49	29	39	808	13 539.	13 549.
* 9900.140.	770309.	175819.	18 240.	1741 4.	-86.46	17	22	808	18 1 0.	18 114.
* 10039.172.	770319.	135910.	14 626.	1329 7.	-6.38	30	38	808	135935.	135953.
* 10096.129.	770323.	144040.	144943.	141044.	-9.77	29	39	808	144040.	144056.
* 10110.140.	770324.	142554.	143259.	135542.	-0.30	30	38	808	142630.	142638.
* 10167.106.	770328.	15 716.	151330.	143719.	-7.69	29	37	808	15 733.	15 751.
* 10224.146.	770401.	154846.	155423.	151856.	-11.09	29	36	808	154852.	154856.
* 10227.148.	770401.	203928.	204550.	202417.	-87.05	15	22	808	204413.	204421.
* 10238.155.	770402.	153358.	154033.	15 353.	-5.60	30	37	808	153427.	153447.
* 10366.100.	770411.	1642 6.	17 958.	1612 4.	-6.90	30	58	808	164226.	164244.
* 11930.157.	770731.	54934.	6 218.	51947.	-11.51	29	43	808	54943.	54943.



SECTION 23.0

ORIGINAL PAGE IS  
OF POOR QUALITY

BUOY: EB-44

DATE DEPLOYED: 11/76

DATE RECOVERED: Presently in use

LATITUDE: 26.0

LONGITUDE: 274.0

EB-44 .25° Search

LATITUDE RANGE IS 25.75 TO 26.25

LONGITUDE RANGE IS 273.75 TO 274.25

WEEKS 81 TO 155 BEING SEARCHED

* 9239.157.	770122.	05715.	1 943.	02249.	91.82	34	47 808	1 537.	1 537.
* 9566.101.	770214.	340 8.	35240.	3 548.	91.28	34	47 808	34828.	34832.
* 10092.125.	770323.	758 0.	8 9 0.	72336.	91.51	34	46 808	8 616.	8 624.
* 10269.109.	770404.	194620.	194915.	1939 9.	-70.61	7	11 808	194721.	194721.
* 10596.125.	770427.	222429.	2232 8.	2222 5.	-71.13	2	11 808	2230 9.	223013.
* 10618.146.	770429.	121428.	122810.	114118.	91.76	33	47 808	1224 4.	1224 6.
* 11471.115.	770628.	191453.	192834.	184144.	91.54	33	47 808	192424.	192432.
* 13681.158.	771201.	234215.	234954.	233952.	-71.18	2	11 808	234756.	2348 0.
* 13703.170.	771203.	133210.	134930.	1259 4.	91.71	33	51 808	134148.	134152.
* 14030.106.	771226.	161434.	163130.	154131.	91.33	33	50 808	162411.	162417.
* 14556.132.	780201.	203120.	204853.	195815.	91.83	033	051 808	2041 3.	2041 3.

EB-44 1° Search

LATITUDE RANGE IS 25.00 TO 27.00  
 LONGITUDE RANGE IS 273.00 TO 275.00  
 WEEKS 81 TO 155 BEING SEARCHED

* 9111.125.	770112.	235156.	0 132.	231435.	93.13	37	47	808	235739.	235739.
* 9239.157.	770122.	05715.	1 943.	02249.	91.82	34	47	808	1 515.	1 553.
* 9438.159.	770205.	23212.	24433.	15737.	92.59	34	47	808	24025.	24041.
* 9566.101.	770214.	340 8.	35240.	3 548.	91.28	34	47	808	34814.	34852.
* 9765.101.	770228.	5 719.	524 0.	44037.	92.06	26	44	808	523 9.	52341.
* 9871.111.	770307.	163136.	1639 2.	162922.	-72.10	2	10	808	163712.	163724.
* 9964.102.	770314.	64959.	7 219.	61524.	92.82	34	47	808	65818.	65828.
* 10092.125.	770323.	758 0.	8 9 0.	72336.	91.51	34	46	808	8 6 2.	8 640.
* 10269.109.	770404.	194620.	194915.	1939 9.	-70.61	7	11	808	194659.	194735.
* 10291.126.	770406.	93530.	94516.	85822.	92.28	37	47	808	941 0.	94126.
* 10397.126.	770413.	205140.	205713.	204720.	-71.91	4	10	808	205510.	205528.
* 10419.138.	770415.	103939.	105616.	10 634.	90.98	33	50	808	1049 0.	104932.
* 10490.128.	770420.	11 745.	111958.	1033 7.	93.07	34	47	808	1116 9.	111611.
* 10596.125.	770427.	222429.	2232 8.	2222 5.	-71.13	2	11	808	222955.	223031.
* 10618.146.	770429.	121428.	122810.	114118.	91.76	33	47	808	122344.	122422.
* 10724.148.	770506.	233423.	2342 0.	233015.	-72.43	4	12	808	2338 5.	2338 9.
* 10746.161.	770508.	132335.	133618.	124928.	90.46	34	47	808	133154.	133210.
* 10795.126.	770511.	235924.	0 654.	235649.	-70.34	2	11	808	0 447.	0 515.
* 10994.141.	770526.	13423.	14137.	13132.	-69.54	2	11	808	13952.	13958.
* 11321.160.	770618.	417 6.	42429.	41423.	-70.05	2	11	808	42229.	42249.
* 11471.115.	770628.	191453.	192834.	184144.	91.54	33	47	808	192410.	192448.
* 11670.117.	770712.	205052.	21 315.	201624.	92.35	34	47	808	2059 6.	205928.

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EB-44 1° Search (cont.)

*11847.104.	770725.	83441.	84154.	83151.	-69.73	2	11	808	840 7.	84017.
*11869.118.	770726.	222542.	223753.	2151 4.	93.16	34	47	808	2234 8.	2234 8.
*12196.164.	770819.	1 8 8.	12023.	03333.	92.76	34	47	808	11625.	11637.
*12629.209.	770918.	15 741.	151518.	15 527.	-71.95	2	10	808	151317.	151335.
*13049.114.	771018.	8 821.	82040.	73351.	92.59	34	47	808	81639.	81655.
*13376.146.	771110.	105052.	11 720.	101629.	92.14	34	51	808	1059 3.	105933.
*13575.157.	771124.	122415.	124058.	1151 1.	92.99	33	50	808	1234 1.	1234 5.
*13681.158.	771201.	234215.	234954.	233952.	-71.18	2	11	808	234742.	234818.
*13703.170.	771203.	133210.	134930.	1259 4.	91.71	33	51	808	134130.	1342 8.
*14030.106.	771226.	161434.	163130.	154131.	91.33	33	50	808	162357.	162435.
*14158.131.	780104.	173035.	1739 2.	164932.	90.07	41	50	808	173158.	1732 4.
*14428.107.	780123.	192429.	193716.	185026.	93.05	034	047	808	193328.	193330.
*14556.132.	780201.	203120.	204853.	195815.	91.83	033	051	808	204041.	204119.
*15082.167.	780311.	04818.	1 614.	01510.	92.28	033	052	808	05748.	05814.
*15188.171.	780318.	12 612.	121348.	12 356.	-71.87	002	010	802	121146.	1212 6.
*15259.145.	780323.	123255.	124017.	1230 6.	-69.67	002	011	808	123824.	123832.
*15409.102.	780403.	333 0.	34811.	25724.	91.94	035	051	808	33954.	34028.

SECTION 24.0

ORIGINAL PAGE IS  
OF POOR QUALITY

BUOY: EB-45

DATE DEPLOYED: 9/77

DATE RECOVERED: Presently in use

LATITUDE: 60.2

LONGITUDE: 213.2

EB-45 .25° Search:

LATITUDE RANGE IS 59.95 TO 60.45

LONGITUDE RANGE IS 212.95 TO 213.45

WEEKS 124 TO 155 BEING SEARCHED

*14293.161.	780114.	6 558.	61522.	54959.	-88.44	15	26	808	61029.	61029.
*14691.182.	780211.	91652.	92426.	85852.	-86.72	018	026	808	91936.	91936.
*15018.109.	780306.	1157 0.	12 6 0.	114111.	-87.09	015	025	811	12 151.	12 155.
*15146.132.	780315.	13 5 6.	1314 1.	1249 8.	-88.33	015	025	811	13 938.	13 940.
*15271.154.	780324.	921 2.	93513.	85128.	-13.54	029	044	802	92140.	92142.
*15345.136.	780329.	143951.	144857.	142328.	-87.44	016	026	808	1444 6.	1444 8.

EB-45 1° Search

LATITUDE RANGE IS 59.20 TO 61.20

LONGITUDE RANGE IS 212.20 TO 214.20

WEEKS 124 TO 155 BEING SEARCHED

*14162.136.	780105.	0 624.	01339.	233639.	-11.21	29	38	808	0 7 7.	0 723.
*14222.102.	780109.	538 7.	54839.	52330.	-90.54	14	26	808	54336.	54348.
*14236.114.	780110.	526 0.	53412.	5 827.	-85.06	17	26	808	52919.	52937.
*14293.161.	780114.	6 558.	61522.	54959.	-88.44	15	26	808	61019.	61037.
*14546.124.	780201.	325 0.	342 0.	3 026.	-14.94	024	042	808	33018.	33034.
*14691.182.	780211.	91652.	92426.	85852.	-86.72	018	026	808	91930.	91946.
*14748.136.	780215.	95748.	10 532.	94021.	-90.08	017	026	808	10 027.	10 043.
*14762.152.	780216.	94338.	951 7.	92518.	-84.59	018	026	808	94616.	94628.
*14876.168.	780224.	11 520.	111310.	1048 6.	-91.28	017	026	808	11 812.	11 816.
*14887.176.	780225.	55732.	6 3 3.	52741.	-9.82	029	036	802	55821.	55825.
*14890.180.	780225.	105110.	105842.	1033 1.	-85.78	018	026	808	105347.	1054 3.
*14947.138.	780301.	113051.	1140 3.	111445.	-89.21	016	026	808	113457.	113515.
*14961.152.	780302.	1116 6.	113056.	105942.	-83.72	016	032	808	112048.	112052.
*15018.109.	780306.	1157 0.	12 6 0.	114111.	-87.09	015	025	811	12 145.	12 2 1.
*15146.132.	780315.	13 5 6.	1314 1.	1249 8.	-88.33	015	025	811	13 930.	13 946.
*15214.104.	780320.	83950.	85358.	8 959.	-10.18	029	044	802	84037.	84043.
*15271.154.	780324.	921 2.	93513.	85128.	-13.54	029	044	802	92132.	92150.
*15274.158.	780324.	141153.	141753.	135649.	-89.51	015	022	808	141659.	141717.
*15288.171.	780325.	135951.	14 247.	134144.	-84.02	018	022	808	14 246.	14 246.
*15345.136.	780329.	143951.	144857.	142328.	-87.44	016	026	808	144358.	144416.
*15399.185.	780402.	1029 5.	104316.	95938.	-14.85	029	044	802	102930.	102948.
*15402.189.	780402.	152045.	1530 5.	15 459.	-90.81	015	026	808	1525 5.	152513.

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## SECTION 25.0

BUOY: EB-52

DATE DEPLOYED: 8/75

DATE RECOVERED: 10/75

LATITUDE: 38.4

LONGITUDE: 285.7



EB-52 .25° Search

LATITUDE RANGE IS 38.15 TO 38.65  
LONGITUDE RANGE IS 285.45 TO 285.95  
WEEKS 15 TO 28 BEING SEARCHED

* 1818.171.	750816.	115725.	121341.	112431.	93.81	32	50	802	12 311.	12 317.
* 2108.392.	750905.	2326 9.	233440.	2322 8.	-49.92	4	13	802	233414.	233420.
* 2344. 12.	750922.	161456.	162723.	154321.	93.78	31	45	802	162159.	1622 7.
* 2870.502.	751029.	203647.	205418.	20 2 7.	93.76	34	53	802	204045.	204053.

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OF POOR QUALITY

EB-52 1° Search

LATITUDE RANGE IS 37.40 TO 39.40  
 LONGITUDE RANGE IS 284.70 TO 286.70  
 WEEKS 15 TO 28 BEING SEARCHED

* 1710.73.	750808.	201529.	202420.	201145.	-51.27	3	13	808	202335.	202343.
* 1781.143.	750813.	204240.	205058.	203829.	-49.22	4	13	802	205029.	205057.
* 1818.171.	750816.	115725.	121341.	112431.	93.81	32	50	802	12 253.	12 333.
* 1909.243.	750822.	215320.	2159 5.	214656.	-50.59	6	13	802	215846.	2159 4.
* 2017.325.	750830.	133415.	134928.	125942.	94.49	34	50	802	133820.	133844.
* 2108.392.	750905.	2326 9.	233440.	2322 8.	-49.92	4	13	802	233358.	233436.
* 2216.468.	750913.	151051.	152023.	143429.	95.26	36	46	802	151325.	151331.
* 2236.482.	750915.	03651.	04621.	03035.	-51.30	6	16	808	04225.	04231.
* 2307.538.	750920.	1 359.	1 947.	05718.	-49.25	6	13	802	1 918.	1 946.
* 2344. 12.	750922.	161456.	162723.	154321.	93.78	31	45	802	162143.	162223.
* 2435.118.	750929.	211 9.	21854.	2 546.	-50.63	5	14	802	21736.	21758.
* 2506.184.	751004.	23817.	246 3.	23229.	-48.57	5	14	802	24445.	24459.
* 2543.229.	751006.	175154.	18 847.	171831.	94.46	33	51	802	1757 9.	175733.
* 2705.407.	751018.	41335.	42123.	4 738.	-47.89	5	14	802	420 8.	420 8.
* 2762.443.	751022.	45624.	5 6 8.	44922.	-51.32	7	17	808	5 112.	5 118.
* 2870.502.	751029.	203647.	205418.	20 2 7.	93.76	34	53	802	204029.	2041 9.

SECTION 26.0

ORIGINAL PAGE IS  
OF POOR QUALITY

BUOY: EB-61

DATE DEPLOYED: 9/75

DATE RECOVERED: 4/77

LATITUDE: 28.5

LONGITUDE: 269.1

EB-61 .25° Search

LATITUDE RANGE IS 28.25 TO 28.75

LONGITUDE RANGE IS 268.85 TO 269.35

WEEKS 20 TO 106 BEING SEARCHED

* 2507.185.	751004.	41836.	42427.	41416.	-73.89	4	11 802	42312.	42316.
* 3434.822.	751209.	15848.	22331.	11730.	84.88	41	67 802	15922.	15930.
* 6516.121.	760713.	13 818.	131643.	13 651.	-74.05	1	10 802	131543.	131551.
* 7448.147.	760917.	105025.	105747.	10 9 3.	85.02	41	49 802	105057.	1051 3.
* 10326.145.	770408.	202348.	203037.	202046.	-74.00	3	10 808	202940.	202946.

EB-61 1° Search

LATITUDE RANGE IS 27.50 TO 29.50

LONGITUDE RANGE IS 268.10 TO 270.10

WEEKS 20 TO 106 BEING SEARCHED

* 2308.539.	750920.	24046.	24825.	239 5.	-74.57	1	10	802	24743.	24815.
* 2507.185.	751004.	41836.	42427.	41416.	-73.89	4	11	802	42254.	42330.
* 2515.192.	751004.	182939.	183653.	174833.	83.51	41	49	802	183011.	183017.
* 2635.335.	751013.	527 2.	533 2.	52243.	-75.27	4	11	802	53121.	53135.
* 2706.408.	751018.	55122.	55936.	54925.	-73.21	1	11	802	55821.	55839.
* 2785.456.	751023.	203042.	2037 2.	195025.	86.24	40	47	802	203231.	203241.
* 3161.666.	751119.	94541.	95145.	94126.	-75.28	4	11	802	950 4.	95018.
* 3439.822.	751209.	15848.	22331.	11730.	84.88	41	67	802	159 8.	15946.
* 3567.887.	751218.	3 7 6.	33139.	22555.	83.52	41	66	802	3 733.	3 739.
* 3766.118.	760101.	44217.	5 652.	4 1 0.	84.21	41	66	802	44238.	443 4.
* 3837.168.	760106.	5 830.	53357.	42741.	86.27	40	67	802	5 949.	5 957.
* 4093.337.	760124.	72539.	75012.	64428.	83.55	41	66	802	726 6.	72614.
* 4164.388.	760129.	752 3.	81717.	711 8.	85.61	40	67	802	75258.	75324.
* 4213.423.	760201.	182139.	182623.	181833.	-75.21	3	10	802	182711.	182727.
* 4619.265.	760301.	114436.	115120.	11 254.	83.62	41	49	802	114436.	114442.
* 4690.433.	760306.	121123.	121826.	112935.	85.68	41	49	802	121127.	121151.
* 6516.121.	760713.	13 818.	131643.	13 651.	-74.05	1	10	802	131529.	1316 5.
* 6644.153.	760722.	1423 0.	1426 0.	1415 9.	-75.38	7	11	808	142347.	142357.
* 7448.147.	760917.	105025.	105747.	10 9 3.	85.02	41	49	802	105041.	105119.
* 7696.112.	761004.	2259 0.	23 4 0.	225120.	-75.05	7	13	808	225958.	23 018.
* 7974.190.	761024.	1457 3.	15 848.	1427 6.	85.19	29	42	808	15 844.	15 848.
* 8023.143.	761028.	142 0.	146 0.	13429.	-75.62	7	12	808	143 7.	14311.
* 8549.154.	761204.	6 0 0.	6 4 0.	55228.	-75.43	7	12	808	6 1 6.	6 116.
* 8947.159.	770101.	911 0.	92654.	9 146.	-73.81	9	26	808	911 0.	911 0.
* 9075.105.	770110.	1018 0.	103520.	101023.	-75.23	7	25	808	1019 1.	101915.
* 10326.145.	770408.	202348.	203037.	202046.	-74.00	3	10	808	202924.	2030 0.
* 10334.151.	770409.	103612.	103920.	955 2.	83.41	41	45	808	103640.	103644.
* 10405.131.	770414.	11 232.	11 8 9.	102136.	85.50	40	47	808	11 322.	11 352.
* 10454.159.	770417.	2133 3.	213850.	212857.	-75.30	4	10	808	213735.	213747.
* 10525.152.	770422.	215956.	22 514.	215531.	-73.22	4	10	808	22 425.	22 445.
* 10533.159.	770423.	1211 6.	121535.	112947.	84.19	41	46	808	121125.	121151.

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SECTION 27.0

BUOY: EB-63

DATE DEPLOYED: 3/77 and 1/78

DATE RECOVERED: 10/77 and 2/78

LATITUDE: 40.8

LONGITUDE: 291.5

EB-63 .25° Search

LATITUDE RANGE IS 40.55 TO 41.05  
LONGITUDE RANGE IS 291.25 TO 291.75  
WEEKS 98 TO 150 BEING SEARCHED

* 9779.115.	770301.	44955.	51225.	42534.	97.54	24	47	808	5 328.	5 332.
*10106.136.	770324.	744 3.	75525.	7 834.	96.99	35	47	808	74624.	74626.
*10211.137.	770331.	1723 4.	172958.	171545.	-41.89	7	15	808	172839.	172845.
*10632.155.	770430.	12 147.	121259.	112615.	97.25	35	47	808	12 4 5.	12 413.
*10737.157.	770507.	213831.	214743.	213326.	-41.63	5	15	808	214622.	214628.
*11064.114.	770531.	02115.	03027.	01618.	-42.13	4	15	808	02912.	02912.
*11158.108.	770606.	161513.	163038.	154352.	97.53	31	47	808	162146.	162150.
*12011.159.	770805.	231915.	233036.	224350.	97.43	35	47	808	232142.	232148.
*12338.101.	770829.	2 048.	21338.	12652.	96.89	33	47	808	2 442.	2 442.
*12864.129.	771005.	61938.	63054.	54412.	97.25	35	47	808	622 2.	62210.
*13390.161.	771111.	103515.	105517.	10 126.	97.63	33	54	808	103922.	103924.
*13717.182.	771204.	131746.	133740.	1244 0.	97.20	33	54	808	132150.	132156.
*14243.119.	780110.	173153.	175446.	17 055.	97.67	30	54	808	173853.	173853.
*14570.144.	780202.	2014 6.	203654.	194311.	97.32	030	054	808	2021 1.	2021 9.

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EB-63 1° Search

LATITUDE RANGE IS 39.80 TO 41.80  
 LONGITUDE RANGE IS 290.50 TO 292.50  
 WEEKS 98 TO 150 BEING SEARCHED

* 9779.115.	770301.	44955.	51225.	42534.	97.54	24	47	808	5 312.	5 346.
* 9884.125.	770308.	143743.	144654.	143233.	-41.30	5	15	808	144521.	144551.
* 9907.144.	770310.	55712.	62026.	53332.	96.28	23	47	808	611 6.	61124.
* 10012.146.	770317.	154546.	155447.	154059.	-42.67	4	14	808	155339.	155357.
* 10083.118.	770322.	161257.	1622 3.	16 733.	-40.58	5	15	808	162035.	162051.
* 10106.136.	770324.	744 3.	75525.	7 834.	96.99	35	47	808	746 8.	74642.
* 10177.112.	770329.	81056.	82148.	735 8.	99.08	35	47	808	81320.	81320.
* 10211.137.	770331.	1723 4.	172958.	171545.	-41.89	7	15	808	172825.	1729 1.
* 10234.152.	770402.	85157.	9 338.	81645.	95.68	35	47	808	85419.	85425.
* 10282.118.	770405.	175010.	175654.	174219.	-39.80	7	15	808	175537.	175537.
* 10305.134.	770407.	91857.	930 9.	84320.	97.76	35	47	808	921 4.	92132.
* 10339.154.	770409.	182835.	183745.	182357.	-43.20	4	14	808	183637.	183645.
* 10410.133.	770414.	185242.	19 454.	185031.	-41.10	2	15	808	19 323.	19 349.
* 10433.146.	770416.	102654.	103823.	95131.	96.47	35	47	808	1029 5.	102927.
* 10504.137.	770421.	105346.	11 446.	1018 5.	98.55	35	47	808	1056 5.	105617.
* 10538.164.	770423.	20 552.	201247.	195842.	-42.42	7	15	808	201122.	201146.
* 10632.155.	770430.	12 147.	121259.	112615.	97.25	35	47	808	12 349.	12 427.
* 10737.157.	770507.	213831.	214743.	213326.	-41.63	5	15	808	2146 6.	214644.
* 10760.106.	770509.	13 941.	132117.	123425.	95.95	35	47	808	131159.	131211.
* 10831.153.	770514.	133633.	134743.	13 059.	98.04	35	47	808	133849.	133911.
* 10865.114.	770516.	224618.	225523.	224135.	-42.92	4	14	808	225415.	225429.
* 10936.159.	770521.	231328.	232236.	23 8 9.	-40.83	5	15	808	2321 7.	232127.
* 10959.108.	770523.	144434.	145555.	14 9 9.	96.74	35	47	808	144643.	144711.
* 11064.114.	770531.	02115.	03027.	01618.	-42.13	4	15	808	02858.	02928.
* 11158.108.	770606.	161513.	163038.	154352.	97.53	31	47	808	162130.	1622 4.
* 11357.107.	770620.	175231.	18 518.	171833.	98.32	33	47	808	175627.	175645.
* 11391.134.	770623.	3 358.	31257.	259 9.	-42.64	4	14	808	31149.	312 9.
* 11556.105.	770704.	1929 1.	193950.	185314.	99.12	35	47	808	193126.	193126.



EB-63 1° Search (cont.)

*11613.139.	770708.	2010 3.	202139.	193450.	95.73	35	47	808	201224.	201230.
*11812.141.	770722.	214452.	215619.	21 929.	96.54	35	47	808	2147 3.	214727.
*11883.130.	770727.	221139.	222241.	2136 1.	98.64	35	47	808	2214 3.	221413.
*11917.148.	770730.	72131.	73043.	71637.	-42.32	4	15	808	72917.	72943.
*12011.159.	770805.	231915.	233036.	224350.	97.43	35	47	808	232126.	2322 2.
*12139.101.	770815.	02716.	03846.	235215.	96.07	35	47	808	02949.	030 3.
*12210.177.	770820.	054 8.	1 513.	01829.	98.24	35	47	808	05623.	05641.
*12338.101.	770829.	2 048.	21338.	12652.	96.89	33	47	808	2 426.	2 458.
*12409.162.	770903.	22726.	23957.	15324.	98.99	34	47	808	23134.	23136.
*12736.101.	770926.	51144.	52245.	436 7.	98.53	35	47	808	514 7.	51419.
*12864.129.	771005.	61938.	63054.	54412.	97.25	35	47	808	62146.	62224.
*12992.152.	771014.	72732.	739 0.	65217.	95.98	35	47	802	72951.	730 3.
*13063.128.	771019.	75415.	8 530.	71847.	98.08	35	47	802	75637.	75659.
*13367.138.	771109.	19 1 0.	191828.	19 027.	-39.95	0	19	802	191343.	191345.
*13390.161.	771111.	103515.	105517.	10 126.	97.63	33	54	808	1039 6.	103938.
*13518.194.	771120.	114252.	12 232.	11 912.	96.43	33	54	802	114646.	1147 8.
*13589.172.	771125.	115949.	123013.	113557.	98.47	23	55	808	121355.	1214 9.
*13623.215.	771127.	212124.	213035.	211632.	-42.48	4	15	808	212912.	212934.
*13717.182.	771204.	131746.	133740.	1244 0.	97.20	33	54	808	132134.	132212.
*13845.117.	771213.	142235.	144456.	135146.	96.01	30	54	808	142920.	142932.
*13916.174.	771218.	1452 7.	151219.	141813.	98.13	33	55	808	1456 5.	145625.
*13950.124.	771221.	0 348.	01249.	2359 2.	-42.88	4	14	808	01142.	01156.
*14115.183.	780101.	162657.	164723.	155257.	98.92	33	55	808	1631 5.	1631 9.
*14243.119.	780110.	173153.	175446.	17 055.	97.67	30	54	808	173837.	1739 7.
*14570.144.	780202.	2014 6.	203654.	194311.	97.32	030	054	808	202045.	202123.
*14968.158.	780302.	2326 9.	234637.	225210.	99.01	033	055	808	233020.	233022.

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SECTION 28.0

BUOY: EB-70

DATE DEPLOYED: 8/76

DATE RECOVERED: 5/77

LATITUDE: 59.5

LONGITUDE: 217.8

EB-70 .25° Search

LATITUDE RANGE IS 59.25 TO 59.75

LONGITUDE RANGE IS 217.55 TO 218.05

WEEKS 67 TO 111 BEING SEARCHED

* 7867.175.	761017.	11423.	11723.	05618.	-85.26	18	22 808	11632.	11634.
* 7935.155.	761021.	2048 3.	205030.	201733.	-7.20	30	33 808	2048 3.	2048 5.
* 8066.181.	761031.	241 0.	25218.	23110.	-84.50	9	22 808	25132.	25132.
* 8660.168.	761212.	24030.	24559.	21024.	-6.26	30	36 808	241 2.	241 4.
* 9186.114.	770118.	65824.	7 539.	62819.	-6.06	30	38 808	65859.	659 1.
* 10039.172.	770319.	135910.	14 626.	1329 7.	-6.38	30	38 808	135943.	135947.
* 10366.106.	770411.	1642 6.	17 958.	1612 4.	-6.90	30	58 808	164236.	164238.

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EB-70 1<sup>st</sup> Search

LATITUDE RANGE IS 58.50 TO 60.50  
 LONGITUDE RANGE IS 216.80 TO 218.80  
 WEEKS 67 TO 111 BEING SEARCHED

* 7796.115.	761012.	04611.	05043.	02941.	-87.33	16	22	808	04927.	04945.
* 7867.175.	761017.	11423.	11723.	05618.	-85.26	18	22	808	11624.	11642.
* 7924.146.	761021.	154 0.	15913.	13756.	-88.65	16	22	808	15742.	15746.
* 7935.155.	761021.	2048 0.	205030.	201733.	-7.20	30	33	808	204759.	204811.
* 7938.160.	761022.	14113.	14541.	12254.	-83.17	18	23	808	14320.	14338.
* 8066.181.	761031.	241 0.	25218.	23110.	-84.50	9	22	808	25124.	25142.
* 8265.171.	761114.	42446.	42712.	4 6 3.	-83.75	18	22	808	42625.	42641.
* 8450.153.	761127.	61159.	61715.	55557.	-88.47	16	22	808	61543.	61549.
* 8649.159.	761211.	74715.	75153.	73047.	-87.71	16	22	808	75033.	75047.
* 8660.168.	761212.	24030.	24559.	21024.	-6.26	30	36	808	24054.	24112.
* 8777.105.	761220.	85510.	9 014.	839 1.	-89.03	16	22	808	85847.	85847.
* 8848.156.	761225.	92053.	92643.	9 538.	-86.95	15	22	808	92526.	92546.
* 8859.162.	761226.	41522.	42045.	34515.	-5.50	30	36	808	41553.	41611.
* 9044.159.	770108.	6 450.	61020.	53453.	-10.16	29	36	808	6 459.	6 5 3.
* 9058.167.	770109.	54953.	55458.	51950.	-4.68	30	36	808	55036.	55054.
* 9115.127.	770113.	63141.	63711.	6 143.	-8.15	29	36	808	63155.	63213.
* 9186.114.	770118.	65824.	7 539.	62819.	-6.06	30	38	808	65851.	659 9.
* 9303.129.	770126.	1313 2.	131811.	125655.	-88.82	16	22	808	131641.	131643.
* 9385.116.	770201.	833 9.	849 2.	8 3 7.	-5.29	30	46	808	83347.	834 5.
* 9456.174.	770206.	9 0 0.	9 928.	82943.	-3.21	30	40	808	9 045.	9 049.
* 9644.174.	770219.	1543 5.	1546 2.	152453.	-83.89	18	22	808	154513.	154531.
* 9701.129.	770225.	162135.	1632 6.	16 630.	-87.29	15	26	808	162616.	162634.
* 9897.138.	770309.	13 537.	131438.	123543.	-10.49	29	39	808	13 549.	13 549.
* 9900.140.	770309.	175819.	18 240.	1741 4.	-86.46	17	22	808	18 058.	18 116.
* 10035.172.	770319.	135910.	14 626.	1329 7.	-6.38	30	38	808	135937.	135955.
* 10096.129.	770325.	144040.	144943.	141044.	-9.77	29	39	808	144050.	144058.
* 10110.140.	770324.	142554.	143259.	135542.	-4.30	30	38	808	142632.	142648.
* 10167.106.	770328.	15 716.	151330.	143719.	-7.69	29	37	808	15 735.	15 753.
* 10227.148.	770401.	203928.	204550.	202417.	-87.05	15	22	808	2044 5.	204423.
* 10238.155.	770402.	153358.	154033.	15 353.	-5.60	30	37	808	153429.	153449.
* 10366.106.	770411.	1642 6.	17 958.	1612 4.	-6.90	30	58	808	164228.	164246.

SECTION 29.0

ORIGINAL PAGE IS  
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BUOY: EB-71

DATE DEPLOYED: 9/76

DATE RECOVERED: Presently in use

LATITUDE: 26.0

LONGITUDE: 266.5

EB-71 .25° Search

LATITUDE RANGE IS 25.75 TO 26.25  
 LONGITUDE RANGE IS 266.25 TO 266.75  
 WEEKS 72 TO 155 BEING SEARCHED

* 7227.130.	760901.	1923 0.	1927 0.	191455.	-78.62	8	13 808	192259.	1923 5.
* 7753.161.	761008.	2341 0.	2345 0.	233259.	-78.45	8	13 808	2341 3.	234111.
* 8279.102.	761115.	359 0.	4 2 1.	351 0.	-78.26	7	12 808	359 8.	35912.
* 8606.125.	761208.	642 0.	645 0.	634 7.	-78.83	7	11 808	64211.	64211.
* 9132.138.	770114.	1059 0.	111459.	1052 1.	-78.63	6	23 808	11 0 5.	11 0 9.
* 10533.159.	770423.	1211 6.	121535.	112947.	84.19	41	46 808	121231.	121235.
* 13596.182.	771125.	232826.	233755.	232826.	-78.78	0	10 808	233630.	233630.

EB-71 1° Search

LATITUDE RANGE IS 25.00 TO 27.00

LONGITUDE RANGE IS 265.50 TO 267.50

WEEKS 72 TO 195 BEING SEARCHED

* 7227.130.	760901.	1923 0.	1927 0.	191455.	-78.62	8	13	808	192259.	192321.
* 7426.131.	760915.	205630.	21 230.	204949.	-77.87	6	13	808	205747.	205815.
* 7448.147.	760917.	105025.	105747.	10 9 3.	85.02	41	49	802	105149.	1052 7.
* 7554.141.	760924.	22 5 0.	2212 0.	2158 6.	-79.21	6	14	808	22 556.	22 620.
* 7625.133.	760929.	2232 0.	2237 0.	222443.	-77.13	7	13	808	2233 1.	2233 9.
* 7753.161.	761008.	2341 0.	2345 0.	233259.	-78.45	8	13	808	234059.	234125.
* 7952.171.	761023.	116 0.	121 0.	1 752.	-77.69	8	14	808	116 0.	11618.
* 8080.101.	761101.	223 0.	228 0.	216 8.	-79.01	6	12	808	22358.	22428.
* 8151.172.	761106.	24940.	254 0.	24245.	-76.94	6	12	808	251 9.	25111.
* 8279.102.	761115.	359 0.	4 2 1.	351 0.	-78.26	7	12	808	359 0.	35926.
* 8407.123.	761124.	5 6 0.	510 0.	45916.	-79.59	6	11	808	5 7 6.	5 720.
* 8478.102.	761129.	53233.	537 0.	52552.	-77.51	6	12	808	534 0.	53418.
* 8606.125.	761208.	642 0.	645 0.	634 7.	-78.83	7	11	808	64159.	64231.
* 9132.138.	770114.	1059 0.	111459.	1052 1.	-78.63	6	23	808	105951.	11 027.
* 10334.151.	770409.	103612.	103920.	955 2.	83.41	41	45	808	103728.	103758.
* 10405.131.	770414.	11 232.	11 8 9.	102136.	85.50	40	47	808	11 436.	11 440.
* 10533.159.	770423.	1211 6.	121535.	112947.	84.19	41	46	808	121213.	121251.
* 10661.107.	770502.	1319 4.	132416.	123757.	82.89	41	47	808	132023.	132037.
* 10732.152.	770507.	134551.	1351 2.	13 431.	84.98	41	47	808	134715.	134735.
* 12018.165.	770806.	103632.	104546.	103619.	-79.82	0	10	808	1044 9.	104415.
* 12217.184.	770820.	121057.	122029.	121057.	-79.00	0	10	808	121847.	121917.
* 13419.189.	771113.	115440.	12 118.	1113 6.	83.28	41	49	808	115532.	115558.
* 13596.182.	771125.	232826.	233755.	232826.	-78.78	0	10	808	233616.	233652.
* 13795.171.	771210.	1 3 1.	11232.	1 256.	-77.92	0	10	808	11052.	11122.
* 14144.120.	780103.	174555.	1753 4.	17 435.	84.58	41	49	808	1747 9.	174739.
* 15174.157.	780317.	121916.	122848.	1219 0.	-77.35	000	010	802	122712.	122726.

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## SECTION 30.0

BUOY: EB-72

DATE DEPLOYED: 7/77

DATE RECOVERED: Presently in use

LATITUDE: 57.0

LONGITUDE: 208.6



EB-72 .25° Search

LATITUDE RANGE IS 56.75 TO 57.25

LONGITUDE RANGE IS 208.35 TO 208.85

WEEKS 115 TO 155 BEING SEARCHED

*14887.176.	780225.	55732.	6 3 3.	52741.	-9.82 029 036 802	55923.	55923.
*15086.170.	780311.	732 6.	74622.	7 218.	-9.00 029 045 802	734 4.	734 8.
*15413.104.	780403.	101421.	102136.	94431.	-9.34 029 038 802	101615.	101617.

ORIGINAL PAGE IS  
OF POOR QUALITY

EB-72 1° Search

LATITUDE RANGE IS 56.00 TO 58.00

LONGITUDE RANGE IS 207.60 TO 209.60

WEEKS 115 TO 155 BEING SEARCHED

*11930.157.	770731.	54934.	6 218.	51947.	-11.51	29	43	808	551 7.	55117.
*12616.196.	770917.	171453.	1726 9.	17 217.	-102.76	12	24	808	172055.	172113.
*14123.103.	780102.	54147.	55056.	52710.	-103.63	14	24	808	54548.	54556.
*14137.115.	780103.	52624.	53648.	512 7.	-98.15	14	25	808	53135.	53137.
*14162.136.	780105.	0 624.	01339.	233639.	-11.21	29	38	808	0 759.	0 813.
*14848.140.	780222.	113335.	1142 8.	111814.	-102.25	015	024	808	113654.	113716.
*14887.176.	780225.	55732.	6 3 3.	52741.	-9.82	029	036	802	55911.	55931.
*14919.110.	780227.	115858.	12 910.	114453.	-100.18	014	025	808	12 357.	12 417.
*15086.170.	780311.	732 6.	74622.	7 218.	-9.00	029	045	802	73356.	73418.
*15157.141.	780316.	75839.	81255.	72844.	-6.88	029	045	802	8 046.	8 058.
*15214.104.	780320.	83950.	85358.	8 959.	-10.18	029	044	802	84125.	84145.
*15285.167.	780325.	9 614.	92032.	83624.	-8.05	029	045	802	9 814.	9 834.
*15303.185.	780326.	152151.	1532 9.	15 826.	-103.85	013	024	808	1527 4.	152710.
*15317.110.	780327.	15 8 0.	1518 6.	145336.	-98.42	014	025	808	1513 0.	1513 6.
*15356.145.	780330.	933 2.	94839.	9 3 4.	-5.99	029	046	802	93518.	93518.
*15413.104.	780403.	101421.	102136.	94431.	-9.34	029	038	802	1016 5.	101627.
*15445.123.	780405.	161546.	162551.	16 130.	-99.65	014	025	802	162040.	1621 0.
*15502.155.	780409.	165737.	17 649.	1643 0.	-103.02	014	024	802	17 138.	17 152.

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16. Abstract  An atlas has been compiled to identify times and dates when GEOS-3 altimeter data was taken in the vicinity of data buoys. The time period covered is from GEOS launch to April 9, 1978. Two buffer areas are considered for each of the various buoy locations to determine the simultaneity of GEOS and buoy data. The two buffer areas are $\pm 0.25^\circ$ and $\pm 1^\circ$ .					
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